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UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# ANNUAL PEAK DISCHARGES FROM SMALL DRAINAGE AREAS IN MONTANA

THROUGH SEPTEMBER 1976

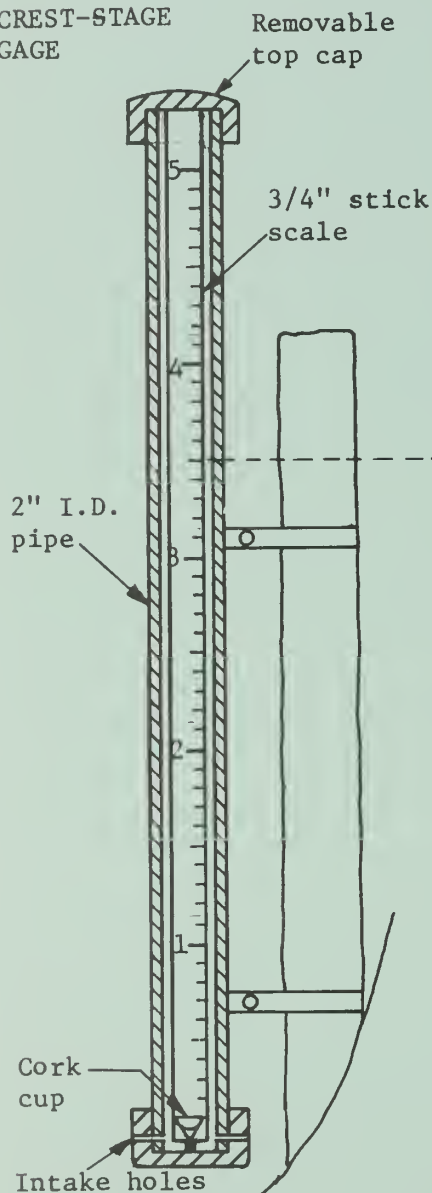


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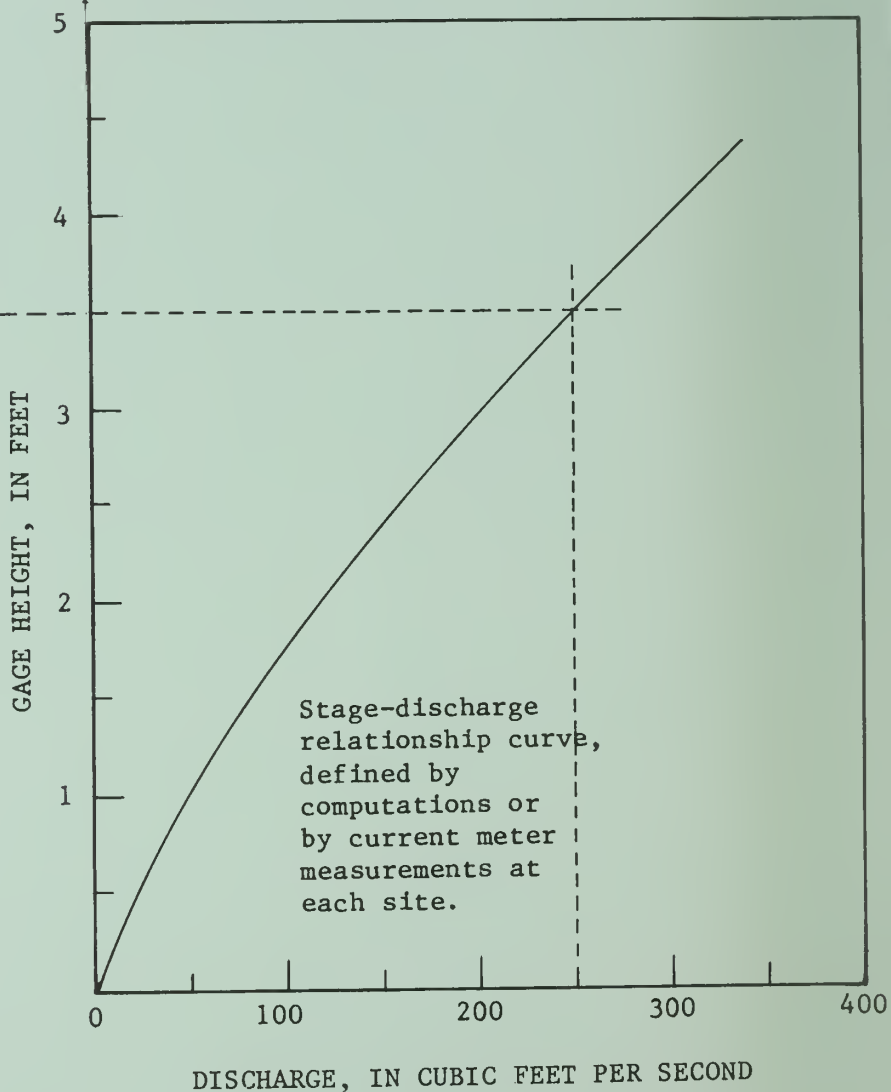
Prepared for the  
STATE OF MONTANA, DEPARTMENT OF HIGHWAYS  
PLANNING AND RESEARCH BUREAU  
in cooperation with the  
U.S. Department of Transportation,  
Federal Highway Administration, and the  
U.S. Department of Agriculture, Forest Service

HELENA, MONTANA  
MARCH 1977

## Crest-stage gage diagram and example

CREST-STAGE  
GAGE

Water enters the intake holes and deposits a cork line on the stick scale at maximum stage.  
 EXAMPLE: cork deposited at gage height 3.50 feet, then  $Q=250$  cubic feet per second





# United States Department of the Interior

GEOLOGICAL SURVEY  
Water Resources Division  
P. O. Box 1696  
Helena, Montana  
59601

March 29, 1977

Montana Department of Community Affairs,  
Research and Information systems  
1424 9th Ave,  
Helena, MT 59601

Dear Sir:

Enclosed is one copy of the 1976 publication "Annual Peak Discharges from Small Drainage Areas in Montana, through September 1976".

Sincerely,

George M. Pike  
District Chief

Enclosure

STATE OF MONTANA/RECEIVED

MAR 30 1977

DEPT. OF COMMUNITY AFFAIRS  
RESEARCH & INFORMATION SYSTEMS DIV.





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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ANNUAL PEAK DISCHARGES FROM SMALL  
DRAINAGE AREAS IN MONTANA  
THROUGH SEPTEMBER 1976

by

M. V. Johnson, R. J. Omang,  
and  
J. A. Hull

Open-File Report 77-172

The opinions, findings, and conclusions expressed in this publication are those of the U.S. Geological Survey and not necessarily those of the State of Montana-Department of Highways or the Federal Highway Administration.

Helena, Montana  
1977

FACTORS FOR CONVERTING ENGLISH UNITS  
TO INTERNATIONAL SYSTEM (SI) UNITS

The following factors may be used to convert the English units published herein to the International System of Units.

Multiply English units                      by                      to obtain SI units

Length

feet (ft)	0.3048	meters (m)
miles (mi)	1.609	kilometers (km)

Area

square miles (mi <sup>2</sup> )	2.590	square kilometers (km <sup>2</sup> )
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Flow

cubic feet per second (ft <sup>3</sup> /s)	.02832	cubic meters per second (m <sup>3</sup> /s)
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ANNUAL PEAK DISCHARGES FROM SMALL  
DRAINAGE AREAS IN MONTANA  
THROUGH SEPTEMBER 1976

by

M. V. Johnson, R. J. Omang, and J. A. Hull

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INTRODUCTION

A program to investigate the magnitude and frequency of floods from small drainage areas in Montana was begun July 1, 1955. Originally 45 crest-stage gaging stations were established. The program was expanded to 152 stations in 1959, and to 216 stations in 1963. About 214 stations were operated from 1963 to 1967, 199 were operated from 1968 through part of 1970, and 193 through the remainder of 1970 and through 1973.

In 1973 the program was evaluated. The evaluation indicated that 62 stations should be continued for long-term record, all other stations should be discontinued upon collection of 15 years of record, and about 100 new stations should be established to increase the density of the network of stations. During the 1974-75 water years 111 new stations were established. Since 1955 usable data have been collected at 336 sites. During the 1976 water year 205 gages were operated, 174 east of the Continental Divide and 31 west of the divide. The location of each current station is shown on figure 1 and the discontinued sites are shown on figure 2.

The Montana Department of Highways, Planning and Research Bureau, and the U.S. Forest Service support the cooperative program with the U.S. Geological Survey. The U.S. Department of Transportation, Federal Highway Administration, cooperates by reimbursing the Department of Highways for about 80 percent of the Department's costs.

This, the twenty-second annual report, is primarily a tabulation, by water year, of the annual peak stage and discharge at each crest-stage gaging station. Also, it summarizes the activities and progress made during the 1976 water year.

Data on outstanding floods and streamflow, collected under other programs at sites where crest-stage gages are not operated, are furnished during the year to cooperating agencies upon request.

#### PURPOSE OF THE PROGRAM

The purpose of the program is to collect sufficient peak-flow data, which through analysis could provide methods for estimating the magnitude and frequency of floods at any point in Montana. The ultimate objective is to provide methods for estimating the 100-year flood with the reliability needed for road design. Reliability depends in part on the definition of regional boundaries, which need to be defined from a relatively dense network of crest-stage stations.

A part of the program has been fulfilled by a report<sup>1</sup> based on data collected from 1955 through 1966. That report presents a method to determine the magnitude of floods having 10-year and 25-year recurrence intervals for drainage areas of less than 100 square miles.

A second report<sup>2</sup> released in January 1976 gives methods for estimating magnitude and frequency of floods up to 100-year recurrence intervals. This report does not meet the ultimate objective because the standard errors of estimate are high and the reliability low. The increased density of the network of stations should help better define areal boundaries and, thus, improve reliability.

#### PROGRAM OPERATION

At each gaging station one or more standard Geological Survey crest-stage gages record the maximum stage reached by the water surface (see sketch inside front cover). Many stations are located at highway culverts, which are used as a control structure for rating the peak discharge. If the peak discharge is not measured, it can be computed from the shape of the channel near the culvert, the culvert geometry, and the water-surface profile upstream and down-

<sup>1</sup> Boner, F.C., and Omang, R.J., 1967, Magnitude and frequency of floods from drainage areas less than 100 square miles in Montana: U.S. Geol. Survey open-file report, 23 p.

<sup>2</sup> Johnson, M.V., and Omang, R.J., 1976, A method for estimating magnitude and frequency of floods in Montana: U.S. Geol. Survey Open-File Report 75-650, 35 p.

stream from the culvert at the time of the peak flow. The water-surface profile, obtained from marks recorded on the crest-stage gages, is usually supplemented by nearby high-water marks along the stream channel.

Flow records for continuous-record gaging stations, which are a part of other cooperative programs, supplement the crest-gage network. The continuous-record stations help establish the date of recorded peak stages, and help detect peaks at times when the crest-stage gages may not have been functioning properly. Climatological data published by the National Oceanic and Atmospheric Administration are also used to help determine the dates of peak discharge.

The gaging stations provide information from drainage areas that range in size from less than 1 square mile to several hundred square miles. The areas represent various hydrologic conditions. During 1976 the network included 32 stations having drainage areas less than 1 square mile, 117 stations having areas from 1 to 10 square miles, 47 stations having areas from 10 to 50 square miles, and 9 stations having areas more than 50 square miles.

#### PROGRAM ACTIVITIES, 1976 WATER YEAR

In addition to the determination of maximum flows at sites currently in operation, maximum flow of 1976 was determined at one additional site. Peak flows at discontinued

sites become hydrologically significant when they are above or near peak of record and thus establish a historical extension of record. Sufficient data were not obtained at 7 of the current sites to develop rating curves for determination of the maximum flow of 1976. These curves will be developed from data obtained in subsequent years and the 1976 maximums can be determined.

Sixty-two sites were operated as long-term stations, and stations where 15 years of record had accumulated were discontinued. At the end of the 1976 water year 15 years of record were accumulated at 15 of the short-term stations east of the Continental Divide and data collection was discontinued.

Substantial peak flows occurred during the 1976 water year in the northeastern and eastern part of Montana. These prairie area peak flows were mostly caused by isolated rainstorms during May and June. Peak flow of record was equaled or exceeded at 8 old sites and 18 new sites. Transit-stadia surveys for computation of peak flow were made at 12 sites. At many other sites flow-through-culvert computations were made to define the stage-discharge relation. West of the divide the stage-discharge relation at most sites was well defined by current-meter measurements. Other field work included closed traverse surveys to determine any altitude changes in the datum of the gage.

## PROGRAM PLANS, 1977 WATER YEAR

During the 1977 water year 53 long-term stations will be operated east of the Continental Divide and 9 west of the divide. In addition, 106 short-term stations will be operated east of the divide and 22 short-term stations west of the divide. At the end of the 1977 water year 18 short-term stations will be discontinued when 15 years of record accumulates. A report summarizing peak-flow data through September 30, 1977, will be published by April 1, 1978.

## PRESENTATION OF DATA

All stations, active and discontinued, are listed in downstream order on pages 9 to 193. Those in the Missouri River basin (Part 6) are listed first, followed by those in the Columbia River basin (Part 12). The part number is the identification numeral of the river basin as used in U. S. Geological Survey water-supply papers. Each station description includes the permanent station number, name, location, drainage area, period of record, type of gage, and altitude of gage. Following the description, the annual maximum gage height (or stage) and discharge are listed for each water year of record. The date given for each annual peak is as near the actual day on which the peak flow occurred as can be determined from available data.



The annual peak discharges are preliminary figures and are subject to revision. Peak discharges listed as "not determined" will be determined when the stage-discharge relation is defined. A listing of "unknown" means a reliable figure of peak discharge is not available. At some of the sites peak discharge cannot be determined until a stage-discharge relation is developed. This may require 2 or more years of data collection. Explanation of the footnotes used in the station data tabulations are listed below.

- <sup>1</sup> About.
- <sup>2</sup> Backwater.
- <sup>3</sup> No evidence of flow during year.
- <sup>4</sup> Maximum observed.
- <sup>5</sup> Prior to installation of gage.
- <sup>6</sup> Peak discharge did not reach bottom of gage.
- <sup>7</sup> May have been greater April 1, during ice period.
- <sup>8</sup> Maximum daily.
- <sup>9</sup> Maximum recorded.
- <sup>10</sup> Backwater from Pumpkin Creek.
- <sup>11</sup> Peak flow occurred sometime during period May-June.



## STATION DATA

## MISSOURI RIVER BASIN

06011400 Long Creek near Lakeview, MT

Location.--Lat  $44^{\circ}42'49''$ , long  $112^{\circ}04'34''$ , in SE $\frac{1}{4}$  sec.10, T.13 S., R.4 W., Beaverhead County, at bridge on county road, 15 mi (24.1 km) northwest of Lakeview.

Drainage area.--36.0 mi<sup>2</sup> (93.2 km<sup>2</sup>).

Records available.--May 1959 to September 1967 (discontinued).

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,800 ft (2,070 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Apr. 6, 1960	3.17	235
1961	Apr. 17, 1961	1.00	48
1962	Apr. 27, 1962	3.42	265
1963	June 14, 1963	1.54	83
1964	May 14, 1964	2.72	196
1965	Apr. 29, 1965	2.48	178
1966	Apr. 11, 1966	1.86	128
1967	May 11, 1967	2.23	140

06011900 Red Rock River Tributary near Monida, MT

Location.--Lat  $44^{\circ}35'00''$ , long  $112^{\circ}15'00''$ , in SE $\frac{1}{4}$  sec.30, T.14 S., R.5 W., Beaverhead County, at county road, 3 mi (4.8 km) east of Monida.

Drainage area.--0.37 mi<sup>2</sup> (0.96 km<sup>2</sup>).

Records available.--May 1959 to September 1967 (discontinued).

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,750 ft (2,060 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Apr. 6, 1960	--	<sup>1</sup> 3
1961	Apr. 17, 1961	<sup>2</sup> 1.08	<sup>1</sup> 2
1962	Apr. 19, 1962	<sup>2</sup> 2.74	<sup>1</sup> 15
1963	April 1963	-.01	1
1964	Apr. 29, 1964	<sup>2</sup> 3.20	<sup>1</sup> 10
1965	Apr. 24, 1965	<sup>2</sup> 3.76	<sup>1</sup> 2
1966	Apr. 12, 1966	<sup>2</sup> 3.58	<sup>1</sup> 5
1967	May 11, 1967	<sup>2</sup> 3.10	<sup>1</sup> 5

## 06013200 Traux Creek near Lima, MT

Location.--Lat 44°37'05", long 112°34'00", in NW¼ sec.15, T.14 S., R.8 W., Beaverhead County, at culvert 300 ft (91 m) upstream from Interstate Highway 15 and U.S. Highway 91, 2 mi (3.2 km) southeast of Lima.

Drainage area.--4.06 mi<sup>2</sup> (10.5 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,350 ft (1,940 m), from topographic map.

Annual maximum data.--

Water Year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1960	March 1960	0.24	18
1961	Mar. 14, 1961	.35	20
1962	Apr. 19, 1962	.85	28
1963	March 1963	--	1
1964	April 1964	.06	14
1965	Apr. 1, 1965	.75	26
1966	Mar. 28, 1966	.71	1
1967	July 30, 1967	-.59	1
1968	Apr. 11, 1968	<sup>2</sup> -.63	.1
1969	Mar. 17, 1969	<sup>2</sup> .66	2
1970	May 1970	.57	23
1971	June 2, 1971	--	.1
1972	--	--	( <sup>3</sup> )
1973	Apr. 26, 1973	<sup>2</sup> 2.05	<sup>1</sup> 11
1974	Apr. 25, 1974	.57	23

## 06013400 Muddy Creek near Dell, MT

Location.--Lat 44°38'20", long 112°48'25", in SW¼ sec.3, T.14 S., R.10 W., Beaverhead County, 0.5 mi (0.8 km) upstream from mouth, 8 mi (12.9 km) southwest of Dell.

Drainage area.--63.4 mi<sup>2</sup> (164 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,570 ft (2,000 m), from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1960	July 6, 1960	2.70	85
1961	Apr. 3, 1961	2.47	68
1962	Apr. 2, 1962	3.72	197
1963	June 7, 1963	1.22	14
1964	May 15, 1964	2.47	68
1965	Apr. 1, 1965	3.83	112
1966	Mar. 30, 1966	<sup>2</sup> 2.70	<sup>1</sup> 40
1967	June 11, 1967	1.97	25
1968	Sept. 20, 1968	1.59	17
1969	April 1969	4.52	185
1970	Aug. 31, 1970	4.18	110
1971	Apr. 8, 1971	3.06	45
1972	Apr. 1, 1972	3.69	75
1973	May 5, 1973	3.41	60
1974	Apr. 25, 1974	2.95	50

## 06013500 Big Sheep Creek below Muddy Creek, near Dell, MT

Location.--Lat 44°39'19", long 112°46'41", in SE¼ sec.35, T.13 S., R.10 W., Beaverhead County, 6.5 mi (10.5 km) southwest of Dell.

Drainage area.--278 mi<sup>2</sup> (720 km<sup>2</sup>).

Records available.--May 1946 to September 1953 (continuous record), June 1959 to current year.

Gage.--Water-stage recorder re-installed June 24, 1959.

Altitude of gage is 6,530 ft (1,990 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1946	May 28, 1946	5.54	379
1947	Mar. 18, 1947	5.54	379
1948	Aug. 1, 1948	5.49	369
1949	Apr. 12, 1949	6.02	477
1950	Apr. 1, 1950	5.68	406
1951	Aug. 4, 1951	4.82	234
1952	Apr. 18, 1952	7.72	909
1953	June 2, 1953	5.23	313
1960	Mar. 26, 1960	4.44	168
1961	Apr. 4, 1961	3.98	84
1962	Apr. 2, 1962	4.83	236
1963	June 15, 1963	5.38	343
1964	June 10, 1964	6.06	491
1965	Apr. 21, 1965	5.43	354
1966	Apr. 2, 1966	4.59	195
1967	June 11, 1967	5.48	365
1968	June 9, 1968	5.89	455
1969	Apr. 3, 1969	6.95	710
1970	May 5, 1970	5.42	355
1971	May 31, 1971	5.17	300
1972	June 24, 1972	4.92	250
1973	Apr. 28, 1973	6.60	620
1974	Apr. 25, 1974	4.56	180
1975	May 15, 1975	6.56	615
1976	Apr. 8, 1976	6.41	578

## 06013900 Sage Creek tributary near Dell, MT

Location.--Lat 44°44'27", long 112°37'08", in SE¼ sec.31, T.12 S., R.8 W., Beaverhead County, at bridge on county road, 4 mi (6.4 km) east of Dell.

Drainage area.--0.43 mi<sup>2</sup> (1.11 km<sup>2</sup>).

Records available.--May 1959 to September 1967 (discontinued).

Gage.--Crest-stage gage installed May 12, 1959. Altitude of gage is 6,300 ft (1,920 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	March 1960	20.13	11
1961	September 1961	--	11
1962	Apr. 2, 1962	2.92	11
1963	March 1963	--	11
1964	April 1964	2.50	11
1965	April 1965	2.72	11
1966	--	--	(3)
1967	July 18, 1967	1.05	11

## 06015430 Clark Canyon near Dillon, MT

Location.--Lat  $45^{\circ}00'56''$ , long  $112^{\circ}50'10''$ , in SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.28, T.9 S., R.10 W., Beaverhead County, at culvert on county road, 0.3 mi (0.5 km) south of Interstate Highway 15 and junction with access road, 1.6 mi (2.6 km) north of Interstate Highway 15 and junction to Clark Canyon Dam, 17.0 mi (27.4 km) southwest of Dillon.

Drainage area.--18.0 mi<sup>2</sup> (46.6 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 8, 1974. Altitude of gage is 5,450 ft (1,661 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1969	--	3.60	88
1974	--	2.09	30
1975	June 19, 1975	5.69	211
1976	May 12, 1976	4.65	147

## 06015500 Grasshopper Creek near Dillon, MT

Location.--Lat  $45^{\circ}06'40''$ , long  $112^{\circ}48'00''$ , in SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec.26, T.8 S., R.10 W., Beaverhead County, on left bank 1.2 mi (1.9 km) upstream from mouth and 11 mi (17.7 km) southwest of Dillon.

Drainage area.--348 mi<sup>2</sup> (901 km<sup>2</sup>).

Records available.--March 1921 to September 1929, April 1930 to June 1933, October 1945 to December 1953, March 1955 to September 1958, October 1959 to September 1961 (continuous record), October 1961 to September 1973, 1975 (discontinued).

Gage.--Crest-stage gage installed Oct. 11, 1961. Water-stage recorder, chain or staff gages prior to October 1961. Altitude of gage is 5,350 ft (1,630 m), from topographic map.



## 06015500 Grasshopper Creek near Dillon, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1921	June 10, 1921	6.60	<sup>4</sup> 516
1922	May 28, 1922	6.48	<sup>4</sup> 543
1923	June 23, 1923	5.68	<sup>4</sup> 283
1924	Apr. 13, 1924	5.05	<sup>4</sup> 120
1925	June 5, 1925	6.52	<sup>4</sup> 557
1926	July 8, 1926	5.52	<sup>4</sup> 197
1927	June 12, 1927	6.2	<sup>4</sup> 355
1928	May 13, 1928	6.10	<sup>4</sup> 327
1929	June 18, 1929	5.45	<sup>4</sup> 172
1931	Apr. 4, 1931	5.02	<sup>4</sup> 85
1932	June 7, 1932	6.06	<sup>4</sup> 322
1946	May 29, 1946	2.78	160
1947	Mar. 17, 1947	4.44	640
1948	June 4, 1948	4.51	719
1949	June 2, 1949	3.46	324
1950	June 23, 1950	3.22	252
1951	Mar. 22, 1951	4.11	559
1952	May 16, 1952	3.20	257
1953	June 3, 1953	4.51	719
1955	June 30, 1955	3.39	328
1956	Mar. 24, 1956	6.47	1,870
1957	May 21, 1957	3.75	433
1958	June 5, 1958	4.16	579
1960	Mar. 25, 1960	4.06	539
1961	June 14, 1961	3.14	252
1962	Mar. 27, 1962	3.83	450
1963	Feb. 3, 1963	<sup>2</sup> 4.61	465
1964	June 9, 1964	4.16	539
1965	July 1, 1965	4.82	635
1966	Mar. 30, 1966	3.02	180
1967	June 11, 1967	5.17	730
1968	June 9, 1968	3.75	435
1969	Apr. 1, 1969	6.17	1,140
1970	June 10, 1970	3.90	400
1971	June 2, 1971	4.21	465
1972	June 9, 1972	4.63	585
1973	Apr. 13, 1973	2.40	105
1975	June 19, 1975	5.71	970

## 06016900 Beaverhead River tributary near Dillon, MT

Location.--Lat  $45^{\circ}13'18''$ , long  $112^{\circ}41'05''$ , in SE $\frac{1}{4}$  sec.15, T.7 S., R.9 W., Beaverhead County, 250 ft (76 m) upstream from settling basin, 2 mi (3.2 km) west of Dillon.

Drainage area.--0.93 mi<sup>2</sup> (2.41 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 11, 1959. Altitude of gage is 5,250 ft (1,600 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 18, 1960	0.32	13
1961	--	--	(3)
1962	Feb. 2, 1962	.02	12
1963	Feb. 3, 1963	.20	111
1964	--	--	(3)
1965	Mar. 30, 1965	-.51	.1
1966	Sept. 4, 1966	-.41	1.2
1967	June 11, 1967	.37	115
1968	February 1968	-.28	1.2
1969	Mar. 27, 1969	.37	19
1970	--	--	(3)
1971	--	--	(3)
1972	--	--	(3)
1973	--	--	(3)
1974	--	--	(3)

## 06018200 Beaverhead River tributary No. 2 near Dillon, MT

Location.--Lat  $45^{\circ}19'07''$ , long  $112^{\circ}31'40''$ , in NW $\frac{1}{4}$  sec.13, T.6 S., R.8 W., Beaverhead County, at culvert on State Highway 41, 9 mi (14.5 km) northeast of Dillon.

Drainage area.-- 0.88 mi<sup>2</sup> (2.28 km<sup>2</sup>).

Records available.--May 1959 to September 1965 (discontinued).

Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 4,970 ft (1,520 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	June 24, 1958	5.04	170
1959	--	--	(3)
1960	Mar. 19, 1960	.41	3
1961	June 12, 1961	.36	2.5
1962	--	--	(3)
1963	Sept. 2, 1963	.30	2
1964	June 27, 1964	.29	2
1965	August 1965	.40	3

## 06019400 Sweetwater Creek near Alder, MT

Location.--Lat 45°04'39", long 112°13'32", in NW¼SW¼ sec.4, T.9 S., R.5 W., Madison County, at bridge on county road, 0.6 mi (1.0 km) upstream from a small reservoir, 3.5 mi (5.6 km) upstream from Belmont Park Ranch, 6.0 mi (9.7 km) southwest of Ruby River bridge, 12.5 mi (20.1 km) southwest of Ruby Reservoir Dam, 18 mi (29 km) south of Alder.

Drainage area.--81.5 mi<sup>2</sup> (211 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 9, 1974. Altitude of gage is 5,995 ft (1,827 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	2.05	80
1975	May 14, 1975	3.61	280
1976	April 4, 1976	3.65	330

## 06019800 Idaho Creek near Alder, MT

Location.--Lat 45°11'51", long 112°08'20", in center of sec.30, T.7 S., R.4 W., Madison County, at bridge on county road, 9 mi (14.5 km) south of Alder.

Drainage area.--11.0 mi<sup>2</sup> (28.5 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 5,420 ft (1,650 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 27, 1960	<sup>2</sup> 2.18	<sup>1</sup> 40
1961	Apr. 4, 1961	.87	13
1962	Apr. 25, 1962	2.30	90
1963	Mar. 22, 1963	1.36	24
1964	July 29, 1964	1.20	17
1965	Mar. 30, 1965	<sup>2</sup> 3.01	<sup>1</sup> 60
1966	June 10, 1966	.80	8
1967	June 15, 1967	1.34	9
1968	June 10, 1968	1.59	12
1969	Mar. 27, 1969	<sup>2</sup> 2.05	<sup>1</sup> 35
1970	June 10, 1970	1.27	15
1971	June 3, 1971	.11	12
1972	June 24, 1972	.57	15
1973	June 7, 1973	1.08	11
1974	May 27, 1974	.33	35
1975	July 22, 1975	2.37	60
1976	June 22, 1976	.22	15

## 06025100 Quartz Hill Gulch near Wise River, MT

Location.--Lat  $45^{\circ}46'35''$ , long  $112^{\circ}51'41''$ , in NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.5, T.1 S., R.10 W., Beaverhead County, on left bank 210 ft (64 m) upstream from State Highway 43, 4.2 mi (6.8 km) east of Wise River, 0.3 mi (0.5 km) west of Dewey.

Drainage area.--14.3 mi<sup>2</sup> (37.0 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 7, 1974. Altitude of gage is 5,600 ft (1,707 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	1.57	14
1975	Aug. 6, 1975	1.64	16
1976	Apr. 1, 1976	1.56	13

## 06025300 Moose Creek near Divide, MT

Location.--Lat  $45^{\circ}42'21''$ , long  $112^{\circ}42'15''$ , in NW $\frac{1}{4}$  sec.34, T.1 S., R.9 W., Silver Bow County, at culverts on Interstate Highway 15 and U.S. Highway 91, 3.5 mi (5.6 km) southeast of Divide.

Drainage area.--42.3 mi<sup>2</sup> (110 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 11, 1959. Altitude of gage is 5,430 ft (1,660 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 7, 1960	1.62	90
1961	Apr. 4, 1961	.79	39
1962	Apr. 19, 1962	1.89	108
1963	May 22, 1963	2.66	165
1964	June 8, 1964	1.41	77
1965	June 17, 1965	2.06	122
1966	Mar. 30, 1966	1.20	64
1967	June 11, 1967	2.60	180
1968	June 1, 1968	1.59	118
1969	June 10, 1969	1.72	128
1970	May 17, 1970	2.08	158
1971	May 12, 1971	1.25	91
1972	May 8, 1972	1.10	58
1973	June 29, 1973	1.62	90
1974	Apr. 26, 1974	2.54	130

## 06027700 Fish Creek near Silver Star, MT

Location.--Lat 45°46'18", long 112°14'56", in NW¼ sec.8, T.1 S., R.5 W., Silver Bow County, at bridge on county road, 6 mi (9.7 km) north of Silver Star.

Drainage area.--38.9 mi<sup>2</sup> (101 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 7, 1959. Altitude of gage is 4,790 ft (1,460 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 6, 1959	1.15	166
1960	May 13, 1960	.91	105
1961	Apr. 4, 1961	1.13	160
1962	June 3, 1962	.95	115
1963	June 11, 1963	1.16	141
1964	June 19, 1964	<sup>2</sup> 1.49	150
1965	June 16, 1965	1.74	220
1966	May 2, 1966	.67	54
1967	June 11, 1967	1.78	228
1968	June 15, 1968	1.22	132
1969	May 27, 1969	1.50	175
1970	May 30, 1970	1.00	100
1971	June 27, 1971	.91	85
1972	June 11, 1972	1.07	106
1973	June 17, 1973	.85	73
1974	May 31, 1974	1.10	110
1975	June 19, 1975	1.91	240
1976	Mar. 17, 1976	<sup>2</sup> 2.62	<sup>1</sup> 185

## 06030200 Jefferson River tributary near Whitehall, MT

Location.--Lat 45°52'42", long 111°59'38", in SE¼ sec.32, T.2 N., R.3 W., Jefferson County, at culvert on Interstate Highway 90 and U.S. Highway 10, 5 mi (8 km) east of Whitehall.

Drainage area.--1.85 mi<sup>2</sup> (4.79 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,340 ft (1,320 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	(3)
1961	--	--	(3)
1962	Aug. 29, 1962	<sup>1</sup> 0.2	3
1963	Feb. 2, 1963	1.03	17
1964	Aug. 19, 1964	.97	16
1965	Aug. 22, 1965	1.21	22
1966	--	--	(3)
1967	June 22, 1967	--	<sup>1</sup> 1
1968	--	--	(3)
1969	Mar. 17, 1969	<sup>1</sup> .1	2
1970	--	--	(3)
1971	--	--	(3)
1972	--	--	(3)
1973	--	--	(3)
1974	Aug. 20, 1974	1.20	21
1975	July 31, 1975	3.09	107



06030300 Jefferson River tributary No. 2  
near Whitehall, MT

Location.--Lat  $45^{\circ}52'48''$ , long  $111^{\circ}58'28''$ , in SE $\frac{1}{4}$  sec.33,  
T.2 N., R.3 W., Jefferson County, at culvert on State  
Highway 281, 6 mi (9.7 km) east of Whitehall.

Drainage area.--4.50 mi<sup>2</sup> (11.7 km<sup>2</sup>)

Records available.--October 1957 to current year.

Gage.--Crest-stage gage installed May 7, 1959. Altitude of  
gage is 4,400 ft (1,340 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	<sup>5</sup> June 24, 1958	4.45	169
1959	<sup>5</sup> Apr. 6, 1959	2.37	71
1960	--	--	( <sup>3</sup> )
1961	Sept.11, 1961	1.32	34
1962	--	--	( <sup>3</sup> )
1963	Feb. 2, 1963	1.38	39
1964	June 8, 1964	.41	10
1965	Aug. 22, 1965	.30	8
1966	--	--	( <sup>3</sup> )
1967	July 18, 1967	.37	9
1968	Feb. 19, 1968	.37	9
1969	Mar. 18, 1969	.32	8
1970	July 11, 1970	.00	8
1971	Jan. 17, 1971	.10	5
1972	--	--	( <sup>3</sup> )
1973	--	--	( <sup>3</sup> )
1974	Aug. 20, 1974	.76	65
1975	July 31, 1975	2.03	132
1976	June 17, 1976	.74	65

06031950 Cataract Creek near Basin, MT

Location.--Lat  $46^{\circ}17'10''$ , long  $112^{\circ}14'33''$ , in NW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.9, T.6 N.,  
R.5 W., Jefferson County, on bridge on county road 200 ft  
(61.0 m) upstream from Big Limber Gulch, 2.1 mi (3.4 km)  
northeast of Basin.

Drainage area.--30.6 mi<sup>2</sup> (79.3 km<sup>2</sup>).

Records available.--May 1973 to current year.

Gage.--Crest-stage gage installed Mar. 29, 1974. Altitude of  
gage is 5,450 ft (1,661 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	May 18, 1973	2.17	233
1974	May 20, 1974	2.42	300
1975	June 19, 1975	--	623
1976	May 17, 1976	2.80	320



## 06034700 Sand Creek at Sappington, MT

Location.--Lat 45°47'27", long 111°45'21", in SW¼ sec.32, T.1 N., R.1 W., Gallatin County, 0.8 mi (1.3 km) south-east of Sappington.

Drainage area.--9.41 mi<sup>2</sup> (24.4 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,240 ft (1,290 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Apr. 9, 1960	1.36	50
1961	Aug. 14, 1961	2.0	124
1962	Aug. 25, 1962	5.4	2,130
1963	Feb. 3, 1963	2.73	380
1964	--	--	(3)
1965	Aug. 22, 1965	1.16	105
1966	July 3, 1966	.87	80
1967	--	--	(3)
1968	Feb. 19, 1968	.43	49
1969	Mar. 18, 1969	.52	55
1970	Apr. 5, 1970	.18	41
1971	--	--	(3)
1972	Feb. 18, 1972	--	2
1973	Mar. 17, 1973	--	2
1974	Jan. 15, 1974	-.37	6

## 06034800 Jefferson River tributary No. 3 near Sappington, MT

Location.--Lat 45°50'02", long 111°41'53", in SW¼ sec.14, T.1 N., R.1 W., Jefferson County, at culvert on Interstate Highway 90 and U.S. Highway 10, 4 mi (6.4 km) north-east of Sappington.

Drainage area.--1.14 mi<sup>2</sup> (2.95 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued)

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,200 ft (1,280 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Feb. 1, 1960	0.10	0.1
1961	Aug. 14, 1961	.95	12
1962	Mar. 6, 1962	.65	6
1963	Feb. 2, 1963	<sup>2</sup> 3.43	<sup>1</sup> 50
1964	--	--	(3)
1965	April 1965	.16	.5
1966	July 3, 1966	4.09	96
1967	--	--	(3)
1968	Feb. 19, 1968	.83	10
1969	Mar. 18, 1969	<sup>2</sup> 1.96	<sup>1</sup> 1
1970	--	--	(3)
1971	--	--	(3)
1972	Feb. 23, 1972	--	.5
1973	Mar. 17, 1973	--	.1
1974	--	--	(3)

## 06036600 Jefferson River tributary No. 4 near Three Forks, MT

Location.--Lat  $45^{\circ}53'42''$ , long  $111^{\circ}36'34''$ , in SW $\frac{1}{4}$  sec.28, T.2 N., R.1 E., Broadwater County, at culverts on Interstate Highway 90 and U.S. Highway 10, 3 mi (4.8 km) west of Three Forks.

Drainage area.--0.53 mi<sup>2</sup> (1.37 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,140 ft (1,260 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	(3)
1961	--	--	(3)
1962	Mar. 6, 1962	<sup>2</sup> 0.75	<sup>1</sup> 3
1963	Feb. 2, 1963	.74	<sup>1</sup> 7
1964	Aug. 19, 1964	.62	<sup>1</sup> 6
1965	February 1965	.18	<sup>1</sup> 1.5
1966	July 3, 1966	.73	7
1967	Aug. 5, 1967	.62	<sup>1</sup> 6
1968	July 7, 1968	1.00	10
1969	Mar. 27, 1969	.26	<sup>1</sup> 2
1970	--	--	(3)
1971	Jan. 17, 1971	.10	1
1972	--	--	(3)
1973	--	--	(3)
1974	Jan. 14, 1974	.00	1

## 06036700 Jefferson River tributary No. 5 near Three Forks, MT

Location.--Lat  $45^{\circ}54'34''$ , long  $111^{\circ}35'53''$ , in NE $\frac{1}{4}$  sec.21, T.2 N., R.1 E., Broadwater County, at culvert on State Highway 287, 3 mi (4.8 km) west of Three Forks.

Drainage area.--3.69 mi<sup>2</sup> (9.56 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 4,120 ft (1,260 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	(3)
1961	--	--	(3)
1962	Mar. 6, 1962	0.61	28
1963	Feb. 2, 1963	.61	28
1964	--	--	(3)
1965	Aug. 22, 1965	2.56	153
1966	July 3, 1966	-.04	6
1967	--	--	(3)
1968	Feb. 19, 1968	.85	39
1969	Mar. 18, 1969	<sup>2</sup> 1.07	<sup>1</sup> 40
1970	--	--	(3)
1971	Jan. 17, 1971	(6)	<sup>1</sup> 1
1972	--	--	(3)
1973	--	--	(3)
1974	--	--	(3)

## 06038550 Cabin Creek near West Yellowstone, MT

Location.--Lat 44°52'19", long 111°20'29", in NW¼SE¼ sec.15, T.11 S., R.3 E., Gallatin County, at Forest Service Cabin Creek campground on U.S. Highway 287, 12.8 mi (20.6 km) west of Highway 191, 19 mi (31 km) northwest of West Yellowstone.

Drainage area.--30.3 mi<sup>2</sup> (78.5 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 10, 1974. Datum of gage is 6,476.23 ft (1,973.96 m) above mean sea level.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.00	Not determined
1975	June 19, 1975	2.26	375
1976	May 15, 1976	2.32	395

## 06043200 Squaw Creek near Gallatin Gateway, MT

Location.--Lat 45°26'28", long 111°13'20", in SW¼ sec.34, T.4 S., R.4 E., Gallatin County, at private bridge, 10 mi (16.1 km) south of Gallatin Gateway.

Drainage area.--40.4 mi<sup>2</sup> (105 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 5,400 ft (1,650 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 7, 1959	2.20	420
1960	May 12, 1960	1.66	147
1961	May 26, 1961	1.47	200
1962	June 13, 1962	1.34	168
1963	June 15, 1963	1.49	208
1964	June 8, 1964	1.44	195
1965	June 15, 1965	1.87	320
1966	May 6, 1966	1.08	136
1967	May 24, 1967	1.30	222
1968	June 30, 1968	2.02	560
1969	June 25, 1969	1.05	200
1970	May 9, 1970	2.25	690
1971	June 27, 1971	1.63	260
1972	June 2, 1972	1.44	205
1973	May 20, 1973	1.95	360
1974	June 16, 1974	2.36	480
1975	June 16, 1975	1.75	300

## 06043300 Logger Creek near Gallatin Gateway, MT

Location.--Lat  $45^{\circ}27'17''$ , long  $111^{\circ}14'38''$ , in SW $\frac{1}{4}$  sec.28, T.4 S., R.4 E., Gallatin County, at culvert on U.S. Highway 191, 10 mi (16.1 km) south of Gallatin Gateway.

Drainage area.--2.48 mi<sup>2</sup> (6.42 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 5,340 ft (1,630 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 7, 1959	1.03	20
1960	May 12, 1960	.69	9
1961	May 26, 1961	.34	6
1962	June 13, 1962	.73	18
1963	May 27, 1963	.38	11
1964	June 8, 1964	1.09	25
1965	June 15, 1965	.66	18
1966	May 6, 1966	.08	5
1967	June 22, 1967	.50	16
1968	June 11, 1968	.93	24
1969	June 26, 1969	.66	17
1970	May 21, 1970	1.12	29
1971	June 27, 1971	.90	17
1972	June 2, 1972	.49	11
1973	May 20, 1973	.86	20
1974	June 16, 1974	1.24	30
1975	June 16, 1975	1.05	22
1976	May 25, 1976	.87	23

## 06046500 Rocky Creek near Bozeman, MT

Location.--Lat  $45^{\circ}39'17''$ , long  $110^{\circ}56'33''$ , in NE $\frac{1}{4}$  sec.23, T.2 S., R.6 E., Gallatin County, 5 mi (8.0 km) east of Bozeman.

Drainage area.--50.5 mi<sup>2</sup> (131 km<sup>2</sup>).

Records available.--November 1951 to September 1953 (continuous record), 1956-57 (miscellaneous measurements only), May 1959 to current year.

Gage.--Crest-stage gage installed Sept. 26, 1962. Altitude of gage is 4,980 ft (1,520 m), from topographic map. Records equivalent to those at recorder site 1.2 mi (1.9 km) up-stream (at different datum) used prior to October 1966.

## 06046500 Rocky Creek near Bozeman, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1952	Apr. 19, 1952	4.08	421
1953	June 3, 1953	4.65	608
1959	Apr. 1, 1959	3.9	337
1960	May 8, 1960	3.64	248
1961	May 2, 1961	3.03	90
1962	Apr. 16, 1962	3.42	285
1963	Apr. 27, 1963	4.11	400
1964	May 17, 1964	3.65	212
1965	May 15, 1965	3.83	345
1966	Mar. 31, 1966	<sup>2</sup> 3.34	<sup>1</sup> 250
1967	May 8, 1967	1.00	300
1968	May 22, 1968	1.54	415
1969	June 26, 1969	2.06	525
1970	May 21, 1970	2.54	810
1971	Apr. 24, 1971	3.11	1,230
1972	May 22, 1972	.74	240
1973	May 14, 1973	1.61	520
1974	May 30, 1974	.83	280
1975	May 17, 1975	1.77	680
1976	May 12, 1976	1.56	600

## 06046700 Pitcher Creek near Bozeman, MT

Location.--Lat 45°39'21", long 110°56'22", in NW¼ sec. 24, T.2 S., R.6 E., Gallatin County, at culvert on county road, 5 mi (8.0 km) east of Bozeman.

Drainage area.--2.33 mi<sup>2</sup> (6.03 km<sup>2</sup>).

Records available.--1951-53 (miscellaneous measurements of base flow only), May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 6, 1959. Altitude of gage is 5,040 ft (1,540 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 13, 1960	1.25	14
1961	May 27, 1961	.03	1
1962	Apr. 24, 1962	.89	9
1963	Apr. 27, 1963	1.16	13
1964	May 17, 1964	.97	10
1965	May 16, 1965	2.10	19
1966	June 10, 1966	.73	7
1967	May 8, 1968	1.81	12
1968	May 22, 1968	2.44	20
1969	June 26, 1969	2.33	20
1970	May 9, 1970	2.55	26
1971	Apr. 24, 1971	3.10	60
1972	May 22, 1972	.57	5
1973	May 14, 1973	2.93	27
1974	May 30, 1974	1.08	9
1975	May 11, 1975	3.54	70



## 06047000 Bear Canyon near Bozeman, MT

Location.--Lat 45°37'35", long 110°55'45", in NW¼ sec.36, T.2 S., R.6 E., Gallatin County, 6 mi (9.7 km) southeast of Bozeman.

Drainage area.--17.0 mi<sup>2</sup> (44.0 km<sup>2</sup>).

Records available.--November 1951 to September 1953 (continuous record), May 1959 to September 1973, 1975 (discontinued).

Gage.--Water-stage recorder re-installed May 5, 1959. Datum of gage is 5,183.4 ft (1,579.9 m) above mean sea level, datum of 1929 (unadjusted).

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1952	May 26, 1952	2.84	149
1953	June 3, 1953	3.40	360
1959	May 1, 1959	2.2	<sup>1</sup> 150
1960	May 12, 1960	2.62	202
1961	May 22, 1961	1.77	46
1962	July 14, 1962	2.74	175
1963	May 9, 1963	2.43	110
1964	May 20, 1964	2.56	134
1965	May 16, 1965	2.61	145
1966	May 10, 1966	2.26	82
1967	June 7, 1967	2.45	162
1968	May 22, 1968	2.53	128
1969	June 26, 1969	3.35	217
1970	May 21, 1970	3.90	370
1971	May 2, 1971	1.28	137
1972	May 22, 1972	.76	53
1973	May 14, 1973	1.74	146
1975	May 11, 1975	2.57	275

## 06053050 Lost Creek near Ringling, MT

Location.--Lat 46°45'38", long 110°47'08", in SE¼SE¼ sec.24, T.6 N., R.7 E., Meagher County, on bridge on U.S. Highway 89, 1 mi (1.6 km) southeast of Ringling.

Drainage area.--9.59 mi<sup>2</sup> (24.8 km<sup>2</sup>).

Records available.--January 1974 to current year.

Gage.--Crest-stage gage installed May 30, 1974. Altitude of gage is 5,340 ft (1,628 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Jan. 16, 1974	3.46	297
1975	May 10, 1975	3.18	120
1976	Apr. 12, 1976	<sup>2</sup> 3.78	<sup>1</sup> 50



## 06056200 Castle Creek tributary near Ringling, MT

Location.--Lat 46°21'21", long 111°05'20", in NE¼ sec.21, T.7 N., R.5 E., Broadwater County, at culverts on U.S. Highway 12, 15 mi (24.1 km) northwest of Ringling.

Drainage area.--2.51 mi<sup>2</sup> (6.50 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 5,400 ft (1,650 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 4, 1960	1.45	23
1961	Apr. 25, 1961	.91	12
1962	Apr. 19, 1962	2.74	28
1963	Feb. 4, 1963	.81	11
1964	May 1, 1964	2.99	35
1965	May 1, 1965	2.88	27
1966	May 3, 1966	1.03	12
1967	May 23, 1967	3.01	35
1968	June 7, 1968	1.19	13
1969	Apr. 23, 1969	1.58	16
1970	May 19, 1970	3.70	47
1971	May 3, 1971	<sup>2</sup> 2.98	22
1972	Mar. 22, 1972	1.32	16
1973	Apr. 30, 1973	--	2
1974	Apr. 25, 1974	3.38	35

## 06056300 Cabin Creek near Townsend, MT

Location.--Lat 46°20'00", long 111°13'05", in NW¼ sec.27, T.7 N., R.4 E., Broadwater County, 100 ft (30 m) upstream from mouth, 14.5 mi (23.3 km) east of Townsend.

Drainage area.--11.8 mi<sup>2</sup> (30.6 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 4,900 ft (1,490 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	June 4, 1960	2.00	70
1961	June 22, 1961	.14	2
1962	May 22, 1962	.37	8
1963	June 21, 1963	.53	13
1964	May 19, 1964	1.37	38
1965	June 2, 1965	1.08	17
1966	May 5, 1966	1.05	14
1967	May 23, 1967	1.28	23
1968	May 26, 1968	1.06	22
1969	May 26, 1969	.93	10
1970	May 19, 1970	1.42	40
1971	May 4, 1971	1.31	19
1972	May 26, 1972	1.00	15
1973	May 25, 1973	.40	1
1974	May 30, 1974	.94	15
1975	May 17, 1975	1.66	50
1976	Aug. 23, 1976	.93	15

06056600

Deep Creek below North Fork Deep Creek, near Townsend, MT

Location.--Lat  $46^{\circ}19'29''$ , long  $111^{\circ}17'32''$ , in SE $\frac{1}{4}$  sec.25,  
T.7 N., R.3 E., Broadwater County, at bridge on county road,  
11 mi (17.7 km) east of Townsend.

Drainage area.--87.7 mi<sup>2</sup> (227 km<sup>2</sup>).

Records available.--May 1959 to September 1973, 1975 (discontinued).

Gage.--Crest-stage gage installed May 18, 1959. Altitude of  
gage is 4,510 ft (1,380 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 7, 1959	2.15	290
1960	June 4, 1960	2.00	254
1961	May 24, 1961	1.60	83
1962	May 22, 1962	1.66	175
1963	June 2, 1963	1.89	170
1964	May 18, 1964	2.33	329
1965	May 1, 1965	1.98	216
1966	May 5, 1966	2.13	290
1967	June 13, 1967	2.43	305
1968	May 26, 1968	1.88	180
1969	May 25, 1969	2.09	155
1970	May 19, 1970	4.88	445
1971	May 3, 1971	3.12	180
1972	June 2, 1972	3.08	210
1973	May 25, 1973	1.76	60
1975	May 17, 1975	3.65	415

06058700 Mitchell Gulch near East Helena, MT

Location.--Lat  $46^{\circ}34'20''$ , long  $111^{\circ}49'21''$ , in NW $\frac{1}{4}$  sec.2,  
T.9 N., R.2 W., Lewis and Clark County, at culvert on U.S.  
Highway 12, 4.7 mi (7.6 km) east of East Helena.

Drainage area.--8.09 mi<sup>2</sup> (21.0 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 14, 1959. Altitude of  
gage is 4,060 ft (1,240 m), from topographic map.

## 06058700 Mitchell Gulch near East Helena, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959 <sup>5</sup> March	1959	0.96	53
1960	Mar. 19, 1960	.32	6
1961	June 29, 1961	.27	2
1962	Mar. 20, 1962	.43	12
1963	Feb. 4, 1963	1.41	107
1964	--	--	(3)
1965	Apr. 1, 1965	.62	28
1966	Mar. 10, 1966	.93	50
1967	Mar. 22, 1967	.94	52
1968	--	--	(3)
1969	Mar. 31, 1969	1.06	90
1970	July 12, 1970	-1.28	2
1971	Feb. 10, 1971	-1.07	4
1972	--	--	(3)
1973	Sept. 7, 1973	.51	139
1974	Jan. 15, 1974	-.24	53
1975	Apr. 20, 1975	.24	90
1976	Mar. 17, 1976	-1.19	12

## 06061700 Jackson Creek near East Helena, MT

Location.--Lat 46°28'20", long 111°51'10", in SE¼ sec.4,  
T.8 N., R.2 W., Jefferson County, 300 ft (91 m) upstream  
from mouth, 8.5 mi (13.7 km) southeast of East Helena.

Drainage area.--3.44 mi<sup>2</sup> (8.91 km<sup>2</sup>).

Records available.--June 1960 to September 1975 (discontinued).

Gage.--Staff gage installed June 22, 1960, and crest-stage  
gage installed July 8, 1960. Altitude of gage is 4,990 ft  
(1,520 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	Unknown
1961	May 1, 1961	1.48	4
1962	June 2, 1962	2.49	16
1963	June 4, 1963	2.21	12
1964	June 8, 1964	2.64	19
1965	June 25, 1965	2.34	14
1966	May 10, 1966	1.97	7
1967	June 8, 1967	2.73	20
1968	June 10, 1968	2.27	17
1969	June 25, 1969	2.51	15
1970	June 27, 1970	2.19	10
1971	June 4, 1971	2.12	9
1972	May 22, 1972	2.16	9
1973	June 14, 1973	1.74	4
1974	June 20, 1974	2.73	20
1975	June 19, 1975	2.98	25

## 06061800 Crystal Creek near East Helena, MT

Location.--Lat  $46^{\circ}29'00''$ , long  $111^{\circ}51'40''$ , in NW $\frac{1}{4}$  sec.4, T.8 N., R.2 W., Jefferson County, 0.2 mi (0.3 km) upstream from mouth, 8 mi (12.9 km) southeast of East Helena.

Drainage area.--3.77 mi<sup>2</sup> (9.76 km<sup>2</sup>).

Records available.--June 1960 to September 1975 (discontinued).

Gage.--Staff gage installed June 22, 1960, and crest-stage gage installed July 8, 1960. Altitude of gage is 4,860 ft (1,480 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	Unknown
1961	May 1, 1961	1.59	<sup>1</sup> 5
1962	June 2, 1962	1.55	11
1963	June 4, 1963	1.26	4
1964	June 8, 1964	1.64	21
1965	June 25, 1965	1.46	14
1966	May 10, 1966	1.32	9
1967	June 8, 1967	1.82	28
1968	June 9, 1968	1.35	12
1969	June 25, 1969	1.75	30
1970	May 5, 1970	1.34	12
1971	May 2, 1971	1.68	27
1972	May 22, 1972	1.07	3
1973	May 17, 1973	<sup>2</sup> 1.47	<sup>1</sup> 2
1974	June 4, 1974	1.26	9
1975	June 19, 1975	3.33	80

06061900 McClellan Creek at  
city diversion dam, near East Helena, MT

Location.--Lat  $46^{\circ}32'00''$ , long  $111^{\circ}52'40''$ , in SE $\frac{1}{4}$  sec.17, T.9 N., R.2 W., Jefferson County, 300 ft (91 m) upstream from diversion dam, 4.5 mi (7.2 km) southeast of East Helena.

Drainage area.--33.2 mi<sup>2</sup> (86.0 km<sup>2</sup>).

Records available.--June 1960 to September 1975 (discontinued).

Gage.--Staff gage installed June 23, 1960, and crest-stage gage installed July 7, 1960. Altitude of gage is 4,200 ft (1,280 m), from topographic map.

06061900 McClellan Creek at  
city diversion dam, near East Helena, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May-June 1960	3.01	120
1961	May 27, 1961	.65	48
1962	June 2, 1962	1.48	175
1963	May 26, 1963	.95	87
1964	June 8, 1964	2.59	390
1965	June 25, 1965	1.72	220
1966	May 11, 1966	.93	85
1967	June 8, 1967	1.80	235
1968	June 9, 1968	1.73	222
1969	June 25, 1969	2.02	275
1970	May 5, 1970	1.33	150
1971	May 30, 1971	1.20	130
1972	June 3, 1972	.82	72
1973	May 17, 1973	.76	47
1974	Aug. 20, 1974	2.10	275
1975	June 19, 1975	2.33	340

06062700

Little Porcupine Creek tributary near Helena, MT

Location.--Lat 46°35'18", long 112°16'08", in SW¼ sec.29,  
T.10 N., R.5 W., Lewis and Clark County, at culvert on U.S.  
Highway 12, 11 mi (17.7 km) west of Helena.

Drainage area.--0.39 mi<sup>2</sup> (1.01 km<sup>2</sup>).

Records available.--May 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 14, 1959. Altitude of  
gage is 5,360 ft (1,630 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 6, 1959	0.45	1.5
1960	May 12, 1960	.39	1.2
1961	May 22, 1961	.17	.4
1962	June 2, 1962	.49	1.7
1963	May 20, 1963	.57	2.2
1964	June 8, 1964	1.17	5.9
1965	May 1, 1965	.60	3.0
1966	May 7, 1966	.28	1.4
1967	May 29, 1967	.74	3.8
1968	May 14, 1968	.39	1.2
1969	June 25, 1969	1.03	5.1
1970	May 5, 1970	.83	4.3
1971	May 2, 1971	.38	1.8
1972	May 14, 1972	3.31	16
1973	Apr. 23, 1973	-.20	.8



## 06071200 Lyons Creek near Wolf Creek, MT

Location--Lat 46°56'19", long 112°07'28", in NE¼ sec.29, T.14 N., R.4 W., Lewis and Clark County, 135 ft (42 m) upstream from mouth, 5.5 mi (8.8 km) southwest of Wolf Creek.

Drainage area--29.9 mi<sup>2</sup> (77.4 km<sup>2</sup>).

Records available--May 1959 to September 1973, 1975 (discontinued).

Gage--Crest-stage gage installed May 15, 1959. Altitude of gage is 3,730 ft (1,140 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 6, 1959	0.81	63
1960	June 2, 1960	.81	63
1961	May 28, 1961	.12	13
1962	May 22, 1962	1.57	158
1963	Feb. 4, 1963	1.3	120
1964	June 8, 1964	3.80	490
1965	Apr. 22, 1965	1.55	155
1966	May 11, 1966	.69	41
1967	June 13, 1967	2.45	345
1968	June 9, 1968	1.02	75
1969	June 26, 1969	.84	57
1970	June 13, 1970	1.40	127
1971	May 30, 1971	1.57	150
1972	May 15, 1972	.87	73
1973	June 15, 1973	.46	25
1975	May 7, 1975	4.16	580

## 06071400 Dog Creek near Craig, MT

Location--Lat 47°05'13", long 111°59'34", in NW¼ sec.4, T.15 N., R.3 W., Lewis and Clark County, at bridge on county road, 2 mi (3.2 km) west of Craig.

Drainage area--15.7 mi<sup>2</sup> (40.7 km<sup>2</sup>).

Records available--May 1959 to September 1975 (discontinued).

Gage--Crest-stage gage installed May 15, 1959. Altitude of gage is 3,660 ft (1,120 m), from topographic map.



## 06071400 Dog Creek near Craig, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 19, 1960	0.41	<sup>1</sup> 30
1961	May 30, 1961	4.40	1,160
1962	Mar. 17, 1962	2.42	114
1963	Feb. 3, 1963	2.05	70
1964	June 8, 1964	1.97	65
1965	Feb. 17, 1965	2.99	200
1966	Mar. 10, 1966	3.11	230
1967	June 12, 1967	2.37	65
1968	April 1968	--	<sup>1</sup> 1
1969	Mar. 18, 1969	2.15	80
1970	June 13, 1970	.82	15
1971	Feb. 13, 1971	3.24	340
1972	--	--	(3)
1973	--	--	(3)
1974	Jan. 15, 1974	1.03	20
1975	May 7, 1975	3.68	437

## 06071600 Wegner Creek at Craig, MT

Location.--Lat 47°04'35", long 111°57'17", in NW¼ sec.11,  
T.15 N., R.3 W., Lewis and Clark County, at bridge on U.S.  
Highway 91, 0.9 mi (1.4 km) east of Craig.

Drainage area.--35.7 mi<sup>2</sup> (92.5 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage--Crest-stage gage installed May 15, 1959. Altitude of  
gage is 3,450 ft (1,050 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	June 2, 1960	0.59	46
1961	July 6, 1961	2.54	408
1962	Apr. 19, 1962	.33	24
1963	Feb. 3, 1963	.67	48
1964	May 6, 1964	1.84	280
1965	Mar. 31, 1965	1.11	125
1966	July 1, 1966	4.64	1,020
1967	June 12, 1967	1.06	160
1968	June 10, 1968	.36	84
1969	July 7, 1969	.70	110
1970	June 13, 1970	1.05	220
1971	Feb. 13, 1971	-.54	30
1972	Mar. 13, 1972	-.13	38
1973	Apr. 27, 1973	-.09	78
1974	May 20, 1974	.16	104
1975	May 7, 1975	3.15	640
1976	May 4, 1976	1.07	230

## 06073600 Black Rock Creek near Augusta, MT

Location.--Lat 47°17'28", long 112°09'46", in NE¼NW¼ sec.30, T.18 N., R.4 W., Lewis and Clark County, at culvert 0.1 mi (0.2 km) north of Bowmans Corner on U.S. Highway 287, 17.5 mi (28.2 km) southeast of Augusta.

Drainage area.--5.54 mi<sup>2</sup> (14.3 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 29, 1974. Altitude of gage is 4,165 ft (1,270 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	6.36	327
1975	May 7, 1975	7.46	428
1976	May 4, 1976	4.17	120

## 06075600 Fivemile Creek near White Sulphur Springs, MT

Location.--Lat 46°36'40", long 110°45'36", in SW¼ sec.20, T.10 N., R.8 E., Meagher County, at culvert on U.S. Highway 12, 8 mi (12.9 km) northeast of White Sulphur Springs.

Drainage area.--6.42 mi<sup>2</sup> (16.6 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 5,380 ft (1,640 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 1, 1960	1.25	9
1961	--	--	(3)
1962	Mar. 27, 1962	1.38	11
1963	Feb. 4, 1963	2.06	<sup>1</sup> 20
1964	June 8, 1964	1.16	8
1965	April 1965	1.86	17
1966	Mar. 30, 1966	<sup>2</sup> 3.34	<sup>1</sup> 15
1967	May 23, 1967	1.31	10
1968	June 9, 1968	1.38	7
1969	Apr. 4, 1969	<sup>2</sup> 4.58	<sup>1</sup> 13
1970	May 4, 1970	3.36	52
1971	May 3, 1971	3.11	46
1972	Mar. 18, 1972	2.38	26
1973	Apr. 27, 1973	<sup>2</sup> 1.80	<sup>1</sup> 1
1974	Jan. 15, 1974	2.08	18

## 06076000 Newland Creek near White Sulphur Springs, MT

Location--Lat 46°43'46", long 110°50'38", near line between secs.9 and 10, T.11 N., R.7 E., Meagher County, 15 mi (24.1 km) upstream from mouth, 13 mi (20.9 km) north of White Sulphur Springs.

Drainage area--7.27 mi<sup>2</sup> (18.8 km<sup>2</sup>).

Records available--September 1945 to November 1953 (continuous record), June 1959 to September 1973 (discontinued).

Gage--Water-stage recorder re-installed June 19, 1959. Altitude of gage is 5,590 ft (1,700 m), by barometer.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1946	June 11, 17, 1946	0.72	44.9
1947	May 6, 1947	2.18	18
1948	May 8, 1948	2.64	29
1949	June 1, 1949	1.48	6.2
1950	May 28, 1950	1.64	9.5
1951	May 13, 1951	1.62	11
1952	May 4, 1952	1.66	14
1953	June 4, 1953	3.50	56
1960	May 19, 1960	2.39	5.1
1961	May 31, 1961	2.18	3.2
1962	May 29, 1962	2.68	15
1963	June 26, 1963	2.53	11
1964	May 17, 1964	3.16	37
1965	May 17, 1965	3.14	36
1966	May 10, 1966	2.53	11
1967	May 23, 1967	3.00	34
1968	May 25, 1968	3.04	34
1969	Apr. 27, 1969	2.35	6
1970	May 25, 1970	3.12	35
1971	May 16, 1971	2.24	5
1972	May 21, 1972	1.98	7
1973	June 12, 1973	1.85	6

## 06076700 Sheep Creek near Neihart, MT

Location.--Lat  $46^{\circ}47'59''$ , long  $110^{\circ}42'10''$ , in SE $\frac{1}{4}$  sec.15, T.12 N., R.8 E., Meagher County, at culvert on U.S. Highway 89, 10 mi (16.1 km) south of Neihart.

Drainage area.--5.23 mi<sup>2</sup> (13.5 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 6,600 ft (2,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 12, 1960	1.12	38
1961	May 27, 1961	1.11	37
1962	May 21, 1962	1.37	49
1963	June 2, 1963	1.08	39
1964	June 8, 1964	2.12	113
1965	June 16, 1965	2.40	138
1966	May 10, 1966	1.27	50
1967	May 31, 1967	2.07	110
1968	May 25, 1968	1.68	78
1969	May 17, 1969	.88	28
1970	June 12, 1970	2.30	132
1971	June 3, 1971	1.32	51
1972	June 6, 1972	1.66	80
1973	June 14, 1973	.59	17
1974	June 20, 1974	1.65	82
1975	June 11, 1975	1.74	98
1976	May 14, 1976	1.22	58

## 06076800 Nugget Creek near Neihart, MT

Location.--Lat  $46^{\circ}46'30''$ , long  $110^{\circ}42'03''$ , in NE $\frac{1}{4}$  sec.27, T.12 N., R.8 E., Meagher County, at culvert on U.S. Highway 89, 11 mi (17.7 km) south of Neihart.

Drainage area.--1.50 mi<sup>2</sup> (3.89 km<sup>2</sup>).

Records available.--May 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 22, 1959. Altitude of gage is 6,400 ft (1,950 m), from topographic map.

## 06076800 Nugget Creek near Neihart, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 7, 1959	1.05	14
1960	May 12, 1960	.38	5
1961	May 27, 1961	.30	4
1962	May 25, 1962	.50	6
1963	June 2, 1963	.50	6
1964	May 21, 1964	1.07	15
1965	June 16, 1965	1.13	12
1966	May 10, 1966	.68	8
1967	May 31, 1967	1.42	17
1968	May 25, 1968	1.08	12
1969	Apr. 27, 1969	.28	4
1970	May 30, 1970	1.94	37
1971	May 16, 1971	.83	9
1972	May 26, 1972	1.16	13
1973	May 30, 1973	.22	3

## 06077300 Trout Creek near Eden, MT

Location.--Lat 47°07'10", long 111°22'19", in NE¼SE¼ sec.29, T.15 N., R.3 E., Cascade County, at bridge on county road, at old town site of Millegan, 16.2 mi (26 km) south of Secondary Highway 330, 18.0 mi (29 km) south of Eden.

Drainage area.--13.2 mi<sup>2</sup> (34.2 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 27, 1974. Altitude of gage is 4,515 ft (1,376 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	2.05	45
1975	June 30, 1975	4.70	430
1976	May 3, 1976	2.08	40

## 06077700 Smith River tributary near Eden, MT

Location.--Lat 47°18'24", long 111°25'25", in SW¼ sec.13, T.18 N., R.2 E., Cascade County, at bridge on county road, 7.5 mi (12.1 km) northwest of Eden.

Drainage area.--1.44 mi<sup>2</sup> (3.73 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 25, 1959. Altitude of gage is 3,420 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 17, 1960	0.32	1.8
1961	--	--	( <sup>3</sup> )
1962	June 15, 1962	.72	4.5
1963	Feb. 2, 1963	.67	4.0
1964	May 3, 1964	.30	1.7
1965	July 30, 1965	1.24	<sup>1</sup> 9
1966	Mar. 8, 1966	.91	<sup>1</sup> 15
1967	June 14, 1967	-.09	2
1968	May 25, 1968	--	2
1969	Mar. 18, 1969	.99	30
1970	June 28, 1970	.18	3.6
1971	--	--	( <sup>3</sup> )
1972	--	--	( <sup>3</sup> )
1973	--	--	( <sup>3</sup> )
1974	--	--	( <sup>3</sup> )
1975	May 7, 1975	--	<sup>1</sup> 80

## 06077800 Goodman Coulee near Eden, MT

Location.--Lat 47°19'29", long 111°25'35", in center of sec.12, T.18 N., R.2 E., Cascade County, at culvert on county road, 8 mi (12.9 km) northwest of Eden.

Drainage area.--22.1 mi<sup>2</sup> (57.2 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 25, 1959. Altitude of gage is 3,370 ft (1,030 m), from topographic map.



## 06077800 Goodman Coulee near Eden, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	<sup>5</sup> Apr. 22, 1959	1.57	49
1960	May 1, 1960	1.92	41
1961	--	--	( <sup>3</sup> )
1962	Mar. 19, 1962	4.17	127
1963	Feb. 4, 1963	2.30	55
1964	May 3, 1964	5.73	150
1965	July 30, 1965	3.80	117
1966	Mar. 8, 1966	6.73	437
1967	June 15, 1967	4.33	<sup>1</sup> 100
1968	May 25, 1968	2.51	22
1969	June 25, 1969	6.72	435
1970	May 11, 1970	4.91	140
1971	Sept. 1, 1971	4.33	100
1972	May 26, 1972	3.57	57
1973	Apr. 28, 1973	2.77	28
1974	May 22, 1974	4.45	105
1975	May 7, 1975	7.43	1,340
1976	Apr. 30, 1976	<sup>2</sup> 5.23	<sup>1</sup> 100

## 06079600 Beaver Creek at Gibson Dam, near Augusta, MT

Location.--Lat 47°36'09", long 112°45'53", in SE¼ sec.4, T.21 N., R.9 W., Lewis and Clark County, at bridge on county road, 19 mi (30.6 km) northwest of Augusta.

Drainage area.--20.8 mi<sup>2</sup> (53.9 km<sup>2</sup>).

Records available.--May 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 28, 1959. Altitude of gage is 4,560 ft (1,390 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 6, 1959	0.78	110
1960	May 12, 1960	2.28	458
1961	May 7, 1961	.37	55
1962	May 26, 1962	2.45	496
1963	May 25, 1963	.85	122
1964	June 8, 1964	--	4,360
1965	June 11, 1965	.71	75
1966	May 29, 1966	.41	40
1967	May 30, 1967	1.16	300
1968	April 1968	<sup>2</sup> 1.16	<sup>1</sup> 50
1969	April 1969	.42	42
1970	May 11, 1970	.93	215
1971	June 3, 1971	.51	75
1972	May 15, 1972	.48	76
1973	Mar. 17, 1973	<sup>2</sup> .78	<sup>1</sup> 40

## 06087900 Muddy Creek tributary near Power, MT

Location.--Lat 47°45'23", long 111°43'47", on south line of SW¼ sec.10, T.23 N., R.1 W., Teton County, at culvert on county road, 3 mi (4.8 km) west of U.S. Highway 91, 3.5 mi (5.6 km) northwest of Power and 6 mi (9.7 km) south of Dutton.

Drainage area.--3.15 mi<sup>2</sup> (8.16 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 16, 1963. Altitude of gage is 3,710 ft (1,130 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	July 10, 1963	1.15	19
1964	May 3, 1964	2.26	284
1965	June 17, 1965	2.27	130
1966	July 2, 1966	2.77	620
1967	June 10, 1967	1.73	62
1968	Aug. 15, 1968	1.94	130
1969	June 28, 1969	2.04	170
1970	May 11, 1970	2.24	265
1971	May 20, 1971	1.24	26
1972	Mar. 13, 1972	<sup>2</sup> 2.80	<sup>1</sup> 100
1973	June 15, 1973	1.64	45
1974	Jan. 15, 1974	2.06	175
1975	June 20, 1975	2.39	350
1976	Oct. 15, 1976	2.52	420

## 06089300 Sun River tributary near Great Falls, MT

Location.--Lat 47°31'55", long 111°24'03", in SW¼ sec.31, T.21 N., R.3 E., Cascade County, at culvert on old U.S. Highways 89 and 91, 4 mi (6.4 km) northwest of Great Falls.

Drainage area.--18.3 mi<sup>2</sup> (47.4 km<sup>2</sup>).

Records available.--August 1955 to September 1973, 1975 (discontinued)

Gage.--Crest-stage gage installed Aug. 15, 1955. Altitude of gage is 3,330 ft (1,020 m), from topographic map.

## 06089300 Sun River tributary near Great Falls, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	Mar. 20, 1956	1.20	1
1957	June 16, 1957	1.05	.1
1958	July 3, 1958	2.74	156
1959	Mar. 2, 1959	2.52	116
1960	May 23, 1960	1.28	6
1961	--	--	(s)
1962	May 21, 1962	3.06	150
1963	July 5, 1963	1.64	18
1964	June 8, 1964	5.46	470
1965	June 26, 1965	4.39	280
1966	Mar. 9, 1966	3.54	165
1967	July 3, 1967	2.92	102
1968	Feb. 23, 1968	1.61	18
1969	July 7, 1969	4.34	275
1970	May 19, 1970	2.73	85
1971	Feb. 14, 1971	2.03	40
1972	Mar. 13, 1972	2.50	68
1973	Apr. 25, 1973	1.83	28
1975	May 7, 1975	5.77	530

## 06090550 Little Otter Creek near Raynesford, MT

Location.--Lat 47°15'05", long 110°43'50", in SW¼NW¼ sec.8, T.17 N., R.8 E., Judith Basin County, at culvert on Secondary Highway 427, 1.1 mi (1.8 km) south of Highway 200, 1 mi (1.6 km) south of Raynesford.

Drainage area.--41.7 mi<sup>2</sup> (108 km<sup>2</sup>).

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 23, 1974. Altitude of gage is 4,180 ft (1,274 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.39	56
1975	May 8, 1975	8.90	245
1976	June 22, 1976	3.04	20

## 06090810 Ninemile Coulee near Fort Benton, MT

Location--Lat 47°42'01", long 110°42'12", in SE¼SE¼ sec.34, T.23 N., R.8 E., Chouteau County, at culverts on county road, 8.4 mi (13.5 km) south of Missouri River bridge at Fort Benton, 8.5 mi (13.7 km) south of Fort Benton.

Drainage area--19.1 mi<sup>2</sup> (49.5 km<sup>2</sup>).

Records available--1972, 1973, August 1974 to current year.

Gage--Crest-stage gage installed Aug. 27, 1974. Altitude of gage is 3,230 ft (985 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	<sup>5</sup> Mar. 6, 1972	3.34	60
1973	<sup>5</sup> Apr. 27, 1973	2.62	34
1974	--	--	Not determined
1975	May 7, 1975	9.24	1,570
1976	Apr. 30, 1976	2.90	43

## 06097100 Blacktail Creek near Heart Butte, MT

Location--Lat 48°14'56", long 112°47'19", in NW¼NW¼ sec.28, T.29 N., R.9 W., Pondera County, at bridge on county road, 3.3 mi (5.3 km) southeast of Heart Butte, 16.7 mi (26.9 km) northwest of Dupuyer.

Drainage area--16.4 mi<sup>2</sup> (42.5 km<sup>2</sup>).

Records available--July 1974 to current year.

Gage--Crest-stage gage installed July 29, 1974. Altitude of gage is 4,470 ft (1,362 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1975	June 19, 1975	5.93	1,390
1976	May 14, 1976	1.77	100

## 06098700 Powell Coulee near Browning, MT

Location--Lat 48°45'01", long 112°45'21", in SE¼NE¼ sec.34, T.35 N., R.9 W., Glacier County, at culvert on Secondary Highway 444, 10.5 mi (16.9 km) north of U.S. Highway 2, 18 mi (29 km) northeast of Browning.

Drainage area--12.7 mi<sup>2</sup> (32.9 km<sup>2</sup>).

Records available--July 1974 to current year.

Gage--Crest-stage gage installed July 30, 1974. Altitude of gage is 4,145 ft (1,263 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	1.22	6
1975	June 19, 1975	4.96	136 (corrected)
1976	Mar. 18, 1976	<sup>2</sup> 2.55	<sup>1</sup> 30

## 06099700 Middle Fork Dry Fork Marias River near Dupuyer, MT

Location.--Lat 48°08'48", long 112°27'46", in NE¼ sec.35, T.28 N., R.7 W., Pondera County, at culvert on county road, 4 mi (6.4 km) southeast of Dupuyer.

Drainage area.--20.2 mi<sup>2</sup> (52.3 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Prior to 1964, published as North Fork Dry Fork Marias River near Dupuyer.

Gage.--Crest-stage gage installed May 28, 1959. Altitude of gage is 4,120 ft (1,260 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 17, 1960	<sup>2</sup> 1.24	<sup>1</sup> 70
1961	May 7, 1961	.29	10
1962	Mar. 19, 1962	.99	61
1963	Feb. 3, 1963	<sup>2</sup> 2.11	<sup>1</sup> 45
1964	June 8, 1964	6.56	4,240
1965	Feb. 20, 1965	4.87	<sup>1</sup> 300
1966	Mar. 26, 1966	2.22	100
1967	May 9, 1967	4.15	240
1968	Sept. 20, 1968	1.16	41
1969	June 25, 1969	3.29	150
1970	June 13, 1970	4.14	240
1971	Feb. 14, 1971	2.50	70
1972	July 19, 1972	4.26	270
1973	Apr. 25, 1973	.62	5
1974	Jan. 15, 1974	1.59	30

## 06100200 Heines Coulee tributary near Valier, MT

Location.--Lat 48°14'56", long 112°13'43", in NE¼ sec.27, T.29 N., R.5 W., Pondera County, at culvert on county road, 4 mi (6.4 km) south of Valier.

Drainage area.--0.60 mi<sup>2</sup> (1.55 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 27, 1959. Altitude of gage is 3,860 ft (1,180 m), from topographic map.



## 06100200 Heines Coulee tributary near Valier, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 1, 1960	0.92	9
1961	May 17, 1961	.54	4
1962	Jan. 29, 1962	<sup>2</sup> .41	<sup>1</sup> 2
1963	--	--	( <sup>3</sup> )
1964	June 8, 1964	10.57	64
1965	June 15, 1965	1.00	6
1966	Mar. 26, 1966	1.05	7
1967	May 7, 1967	1.46	12
1968	Feb. 28, 1968	.55	3
1969	Mar. 20, 1969	<sup>2</sup> 3.94	<sup>1</sup> 40
1970	July 13, 1970	.84	5
1971	Feb. 14, 1971	<sup>2</sup> 4.94	<sup>1</sup> 5
1972	Mar. 13, 1972	<sup>2</sup> 5.0	<sup>1</sup> 10
1973	Apr. 25, 1973	.13	1
1974	Jan. 15, 1974	.67	3
1975	June 30, 1975	15.02	249

## 06100300 Lone Man Coulee near Valier, MT

Location.--Lat 48°14'10", long 112°13'49", in SE¼ sec.27,  
T.29 N., R.5 W., Pondera County, at culvert on county road,  
5 mi (8.0 km) south of Valier.

Drainage area.--14.1 mi<sup>2</sup> (36.5 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 27, 1959. Altitude of  
gage is 3,780 ft (1,150 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 1, 1960	0.58	32
1961	May 17, 1961	.36	22
1962	Jan. 29, 1962	<sup>2</sup> 2.87	<sup>1</sup> 15
1963	Aug. 19, 1963	.49	27
1964	June 8, 1964	2.38	1,740
1965	Feb. 17, 1965	1.38	400
1966	Mar. 9, 1966	--	140
1967	June 10, 1967	.91	135
1968	Jan. 23, 1968	--	39
1969	Mar. 20, 1969	4.98	250
1970	July 13, 1970	3.04	46
1971	Feb. 14, 1971	<sup>2</sup> 5.44	<sup>1</sup> 200
1972	Mar. 13, 1972	7.62	830
1973	Apr. 25, 1973	.35	10
1974	Mar. 28, 1974	( <sup>6</sup> )	5
1975	June 30, 1975	6.02	5,440
1976	Aug. 5, 1976	7.65	115



## 06101520 Favot Coulee tributary near Ledger, MT

Location.--Lat 48°15'47", long 111°42'09", in SE¼SW¼ sec.14, T.29 N., R.1 W., Pondera County, at culvert on Highway 366, 0.3 mi (0.5 km) east of Higgins School, 5.5 mi (8.9 km) east of Ledger.

Drainage area.--0.86 mi<sup>2</sup> (2.23 mi<sup>2</sup>).

Records available.--January 1974 to current year.

Gage.--Crest-stage gage installed Aug. 28, 1974. Altitude of gage is 3,530 ft (1,076 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Jan. 17, 1974	2.75	39
1975	Apr. 21, 1975	4.72	74
1976	Aug. 5, 1976	1.11	7

## 06101600 Marias River tributary No. 3 near Chester, MT

Location.--Lat 48°13'52", long 110°53'27", in NE¼ sec.36, T.29 N., R.6 E., Liberty County, at culvert on State Secondary Highway 223, 2.1 mi (3.4 km) south of Marias River bridge and 20 mi (32.2 km) southeast of Chester.

Drainage area.--0.26 mi<sup>2</sup> (0.67 km<sup>2</sup>).

Records available.--May 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 18, 1963. Altitude of gage is 2,900 ft (884 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> May 21, 1962	3.18	29
1963	July 4, 1963	1.20	9
1964	June 8, 1964	1.37	11
1965	June 17, 1965	1.67	14
1966	June 4, 1966	.48	4
1967	February 1967	.32	3
1968	--	--	(3)
1969	Mar. 26, 1969	2.42	21
1970	July 13, 1970	3.36	32
1971	Feb. 13, 1971	1.21	10
1972	Mar. 18, 1972	.61	5
1973	Feb. 24, 1973	.21	2
1974	Aug. 11, 1974	.54	5
1975	May 7, 1975	1.16	9
1976	Mar. 17, 1976	.52	4

## 06101700 Fey Coulee tributary near Chester, MT

Location.--Lat 48°27'31", long 111°04'47", near center of east line of sec.9, T.31 N., R.5 E., Liberty County, at culvert on county road, 3.5 mi (5.6 km) south of Tiber Siding on Great Northern Railway and U.S. Highway 2, 6.5 mi (10.5 km) southwest of Chester.

Drainage area.--2.47 mi<sup>2</sup> (6.40 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 3,100 ft (945 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 28, 1963	4.08	79
1964	June 8, 1964	.98	<sup>1</sup> 10
1965	Apr. 10, 1965	3.34	67
1966	July 3, 1966	1.61	21
1967	Mar. 22, 1967	5.01	96
1968	--	--	(3)
1969	June 26, 1969	2.40	40
1970	July 13, 1970	2.32	38
1971	Feb. 25, 1971	1.80	25
1972	Mar. 18, 1972	2.11	32
1973	Feb. 24, 1973	.51	3
1974	Aug. 11, 1974	6.20	675
1975	Apr. 20, 1975	3.05	58
1976	Mar. 17, 1976	.69	6

## 06101800 Sixmile Coulee near Chester, MT

Location.--Lat 48°19'49", long 110°56'40", in NW¼ sec.27, T.30 N., R.6 E., Liberty County, at bridge on State Highway 223, 5.5 road mi (8.8 km) north of Marias River bridge, and 12.5 mi (20.1 km) south of Chester.

Drainage area.--30.3 mi<sup>2</sup> (78.5 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 2,950 ft (899 m), from topographic map.

## 06101800 Sixmile Coulee near Chester, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	( <sup>3</sup> )
1964	June 8, 1964	2.35	75
1965	Apr. 7, 1965	3.18	220
1966	July 3, 1966	2.70	130
1967	Mar. 21, 1967	2.20	55
1968	--	--	( <sup>3</sup> )
1969	Mar. 26, 1969	2.96	175
1970	July 13, 1970	1.10	5
1971	Feb. 25, 1971	.98	3
1972	--	--	( <sup>3</sup> )
1973	--	--	( <sup>3</sup> )
1974	May 13, 1974	.59	2
1975	May 7, 1975	1.73	20
1976	Mar. 17, 1976	.75	<sup>1</sup> 2

## 06101900 Dead Indian Coulee near Fort Benton, MT

Location.--Lat 48°04'54", long 110°50'14", in center of sec.21, T.27 N., R.7 E., Chouteau County, at culvert on State Highway 223, 20 mi (32.2 km) northwest of Fort Benton.

Drainage area.--2.73 mi<sup>2</sup> (7.07 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 18, 1963. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	( <sup>3</sup> )
1964	May 3, 1964	2.19	22
1965	Feb. 17, 1965	4.16	52
1966	Mar. 9, 1966	4.95	116
1967	Mar. 21, 1967	.21	<sup>1</sup> 1
1968	--	--	( <sup>3</sup> )
1969	Mar. 26, 1969	3.84	47
1970	Mar. 7, 1970	2.89	32
1971	Feb. 12, 1971	3.44	40
1972	--	--	( <sup>3</sup> )
1973	Apr. 20, 1973	--	1
1974	Aug. 8, 1974	.50	2
1975	June 19, 1975	5.50	369
1976	June 22, 1976	1.53	13

## 06102100 Dry Fork Coulee tributary near Loma, MT

Location.--Lat  $47^{\circ}56'52''$ , long  $110^{\circ}32'23''$ , in SW $\frac{1}{4}$  sec.2, T.25 N., R.9 E., Chouteau County, at culvert on county road, 2 mi (3.2 km) west of Loma.

Drainage area.--0.84 mi<sup>2</sup> (2.18 km<sup>2</sup>).

Records available.--May 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 25, 1959. Altitude of gage is 2,580 ft (786 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	<sup>5</sup> Mar. 1, 1959	4.02	71
1960	Mar. 17, 1960	.41	<sup>1</sup> 2
1961	May 31, 1961	<sup>2</sup> 1.42	<sup>1</sup> 1
1962	May 21, 1962	.85	6
1963	Aug. 25, 1963	1.54	16
1964	Aug. 19, 1964	1.06	8
1965	June 24, 1965	7.23	244
1966	June 3, 1966	3.27	54
1967	March 1967	1.09	7
1968	June 9, 1968	1.74	20
1969	Mar. 26, 1969	6.18	142
1970	June 13, 1970	2.12	28
1971	Feb. 13, 1971	2.64	40
1972	Aug. 2, 1972	1.86	22
1973	Aug. 22, 1973	1.13	8

## 06102200 Marias River tributary at Loma, MT

Location.--Lat  $47^{\circ}56'38''$ , long  $110^{\circ}30'50''$ , in SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.1, T.25 N., R.9 E., Chouteau County, at bridge on county road, 0.6 mi (1.0 km) west of Loma.

Drainage area.--1.62 mi<sup>2</sup> (4.20 km<sup>2</sup>).

Records available.--August 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed Aug. 18, 1955. Altitude of gage is 2,590 ft (789 m), from topographic map.

## 06102200 Marias River tributary at Loma, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	--	<sup>2</sup> 0.8	<sup>1</sup> 5
1957	Mar. 1, 1957	<sup>2</sup> 1.74	<sup>1</sup> 3
1958	Mar. 29, 1958	.68	<sup>1</sup> 4
1959	Mar. 1, 1959	<sup>2</sup> 2.9	<sup>1</sup> 12
1960	Mar. 17, 1960	1.50	<sup>1</sup> 6
1961	--	--	(3)
1962	May 21, 1962	2.11	<sup>1</sup> 20
1963	Feb. 4, 1963	<sup>2</sup> 1.88	<sup>1</sup> 10
1964	Aug. 19, 1964	<sup>2</sup> 1.58	<sup>1</sup> 8
1965	June 24, 1965	4.87	300
1966	June 3, 1966	2.43	82
1967	March 1967	1.43	76
1968	Feb. 24, 1968	2.16	22
1969	Mar. 26, 1969	<sup>2</sup> 2.52	<sup>1</sup> 7
1970	June 13, 1970	1.73	45
1971	Mar. 30, 1971	<sup>2</sup> 3.48	22
1972	Aug. 2, 1972	.39	20
1973	--	--	(3)

## 06102300 Marias River tributary No. 2 at Loma, MT

Location--Lat 47°56'28", long 110°30'18", in NE¼NE¼ sec.12, T.25 N., R.9 E., Chouteau County, at culvert on approach to U.S. Highway 87, 0.2 mi (0.3 km) north of Loma.

Drainage area--0.25 mi<sup>2</sup> (0.65 km<sup>2</sup>).

Records available--August 1955 to September 1973 (discontinued).

Gage--Crest-stage gage installee Aug. 18, 1955. Altitude of gage is 2,590 ft (789 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	May 27, 1956	2.97	<sup>1</sup> 20
1957	Mar. 1, 1957	<sup>2</sup> 2.46	<sup>1</sup> 10
1958	Mar. 29, 1958	<sup>2</sup> 1.40	<sup>1</sup> 1
1959	February 1959	1.01	<sup>1</sup> 1
1960	Mar. 17, 1960	<sup>2</sup> 1.73	<sup>1</sup> 2
1961	--	--	(3)
1962	Mar. 17, 1962	<sup>2</sup> 1.55	<sup>1</sup> 2
1963	June 28, 1963	2.60	<sup>1</sup> 15
1964	Aug. 19, 1964	1.38	2
1965	June 24, 1965	4.78	42
1966	June 3, 1966	2.85	18
1967	June 14, 1967	.92	<sup>1</sup> .5
1968	June 9, 1968	.97	.5
1969	March 1969	2.30	11
1970	June 13, 1970	1.71	5
1971	Feb. 14, 1971	1.23	1.5
1972	Mar. 17, 1972	<sup>2</sup> 1.97	<sup>1</sup> 5
1973	Apr. 20, 1973	.84	1

## 06105800 Bruce Coulee tributary near Choteau, MT

Location.--Lat 47°44'07", long 112°15'05", near center of sec.21, T.23 N., R.5 W., Teton County, at bridge on county road, 1.2 mi (1.9 km) west of State Highway 287, 6 mi (9.7 km) southwest of Choteau.

Drainage area.--1.70 mi<sup>2</sup> (4.40 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 16, 1963. Altitude of gage is 3,940 ft (1,200 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 28, 1963	0.65	118
1964	June 8, 1964	1.76	148
1965	June 16, 1965	1.90	140
1966	July 2, 1966	3.50	247
1967	June 10, 1967	2.44	155
1968	Sept. 21, 1968	.54	15
1969	Mar. 26, 1969	.92	40
1970	July 13, 1970	1.84	105
1971	Feb. 13, 1971	.83	30
1972	June 9, 1972	5.06	390
1973	Apr. 25, 1973	.49	12
1974	Aug. 13, 1974	1.08	50
1975	June 19, 1975	2.00	120
1976	May 4, 1976	.93	37

## 06108200 Kinley Coulee near Dutton, MT

Location.--Lat 47°50'35", long 111°35'32", in center of north line of sec.15, T.24 N., R.1 E., Teton County, at culverts on county road, 5.1 mi (8.2 km) east of Dutton on Diamond Valley Road.

Drainage area.--9.67 mi<sup>2</sup> (25.0 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 3,560 ft (1,080 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	(3)
1964	June 21, 1964	8.0	364
1965	June 16, 1965	1.39	24
1966	July 2, 1966	10.72	2,070
1967	May 7, 1967	1.31	20
1968	Sept. 21, 1968	.58	1
1969	Mar. 20, 1969	4.45	182
1970	June 13, 1970	.63	1
1971	Feb. 13, 1971	2.01	15
1972	Mar. 18, 1972	.37	1
1973	Aug. 24, 1973	6.34	278
1974	Jan. 15, 1974	1.54	30
1975	May 7, 1975	4.96	205
1976	Mar. 19, 1976	1.52	30



## 06108300 Kinley Coulee tributary near Dutton, MT

Location.--Lat 47°50'35", long 111°33'07", on north line of NW¼ sec.13, T.24 N., R.1 E., Teton County, at culverts on county road, 6.5 mi (10.5 km) east of Dutton on Diamond Valley Road.

Drainage area.--2.65 mi<sup>2</sup> (6.86 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 16, 1963. Altitude of gage is 3,610 ft (1,100 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	Sept. 16, 1963	1.28	18
1964	June 8, 1964	2.98	76
1965	Mar. 31, 1965	1.43	7
1966	July 2, 1966	14.77	465
1967	May 7, 1967	1.59	25
1968	June 9, 1968	.61	2
1969	Mar. 21, 1969	3.97	125
1970	July 13, 1970	.88	7
1971	Feb. 13, 1971	<sup>2</sup> 1.96	<sup>1</sup> 2
1972	--	--	(3)
1973	Feb. 22, 1973	--	.3
1974	--	--	(3)
1975	May 7, 1975	4.83	153
1976	Mar. 19, 1976	1.53	23

## 06109530 Little Sandy Creek tributary near Virgelle, MT

Location.--Lat 48°05'15", long 109°56'34", in NW¼NW¼ sec.21, T.27 N., R.14 E., Chouteau County, at culvert on county road 11 mi (18 km) east of Highway 236, 10 mi (16 km) southeast of Big Sandy.

Drainage area.--0.80 mi<sup>2</sup> (2.07 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed July 15, 1974. Altitude of gage is 3,340 ft (1,018 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.10	47
1974	May 13, 1974	1.35	7
1975	May 6, 1975	1.01	5
1976	Mar. 18, 1976	1.53	9

## 06109560 Alkali Coulee tributary near Virgelle, MT

Location.--Lat 48°03'19", long 110°05'21", in SW¼NW¼ sec.32, T.27 N., R.13 E., Chouteau County, on bridge on county road, 2.1 mi (3.4 km) south of Highway 236, and 9.1 mi (14.6 km) southeast of Big Sandy.

Drainage area.--0.96 mi<sup>2</sup> (2.49 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed July 15, 1974. Altitude of gage is 2,785 ft (849 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	3.47	Not determined
1974	May 13, 1974	1.24	Not determined
1975	May 7, 1975	1.76	Not determined
1976	Mar. 18, 1976	2.03	Not determined

## 06109900 Judith River tributary near Utica, MT

Location.--Lat 46°53'51", long 110°16'07", in SW¼ sec.13, T.13 N., R.11 E., Judith Basin County, at bridge on county road, 10 mi (16.1 km) southwest of Utica.

Drainage area.--7.15 mi<sup>2</sup> (18.5 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 21, 1959. Altitude of gage is 5,100 ft (1,550 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 18, 1960	0.65	15
1961	--	--	(3)
1962	June 14, 1962	1.00	25
1963	Feb. 4, 1963	<sup>2</sup> 3.33	<sup>1</sup> 10
1964	--	--	(3)
1965	April 1965	2.46	83
1966	Mar. 10, 1966	2.06	104
1967	June 10, 1967	.55	10
1968	--	--	(3)
1969	Apr. 2, 1969	<sup>2</sup> 4.69	<sup>1</sup> 20
1970	Apr. 10, 1970	<sup>2</sup> 1.78	<sup>1</sup> 5
1971	Feb. 13, 1971	1.90	85
1972	Mar. 16, 1972	--	<sup>1</sup> 30
1973	Sept. 1, 1973	--	<sup>1</sup> 2
1974	Jan. 15, 1974	2.21	125

## 06111700 Mill Creek near Lewistown, MT

Location.--Lat 46°59'44", long 109°26'49", in NE¼ sec.9, T.14 N., R.18 E., Fergus County, at culverts on county road, 5 mi (8.0 km) south of Lewistown.

Drainage area.--3.53 mi<sup>2</sup> (9.14 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 21, 1959. Altitude of gage is 4,200 ft (1,280 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 18, 1960	0.94	10
1961	--	--	( <sup>3</sup> )
1962	May 21, 1962	3.24	40
1963	May 12, 1963	.54	5
1964	May 3, 1964	3.67	44
1965	June 17, 1965	5.00	66
1966	Mar. 12, 1966	<sup>2</sup> 1.71	<sup>1</sup> 1
1967	June 14, 1967	2.44	29
1968	June 9, 1968	1.13	12
1969	Apr. 1, 1969	1.36	15
1970	May 18, 1970	1.90	22
1971	Mar. 30, 1971	2.31	28
1972	Mar. 18, 1972	.48	5
1973	June 3, 1973	.45	5
1974	May 13, 1974	.91	10
1975	May 6, 1975	7.25	87
1976	May 4, 1976	.73	9

## 06112100 Cottonwood Creek near Moore, MT

Location.--Lat 46°58'45", long 109°29'26", in NW¼ sec.18, T.14 N., R.18 E., Fergus County, 30 ft (9 m) downstream from bridge on county road, 9.5 mi (15.3 km) east of Moore, and 12 mi (19.3 km) upstream from mouth.

Drainage area.--47.7 mi<sup>2</sup> (124 km<sup>2</sup>).

Records available.--August 1957 to September 1963 (continuous record), October 1963 to September 1973, 1975 (discontinued).

Gage.--Water-stage recorder. Altitude of gage is 4,300 ft (1,310 m), from topographic map.

## 06112100 Cottonwood Creek near Moore, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	May 22, 1958	3.78	57
1959	June 7, 1959	5.42	143
1960	June 4, 1960	4.50	102
1961	June 1, 1961	4.83	101
1962	May 22, 1962	6.77	683
1963	June 15, 1963	4.75	216
1964	June 9, 1964	7.68	1,220
1965	June 17, 1965	4.52	162
1966	May 29, 1966	4.47	155
1967	June 8, 1967	7.60	1,180
1968	June 10, 1968	6.69	578
1969	June 27, 1969	7.07	870
1970	May 28, 1970	6.76	420
1971	June 7, 1971	6.20	440
1972	June 9, 1972	5.73	240
1973	June 15, 1973	6.77	430
1975	May 6, 1975	8.92	1,740

## 06112800 Bull Creek tributary near Hilger, MT

Location.--Lat 47°15'10", long 109°21'51", in NW¼NE¼ sec.12, T.17 N., R.18 E., Fergus County, at culvert on county road, 0.4 mi (0.6 km) west of Hilger.

Drainage area.--0.99 mi<sup>2</sup> (2.56 km<sup>2</sup>).

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 25, 1974. Altitude of gage is 4,050 ft (1,234 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	2.46	17
1975	May 21, 1975	4.29	64
1976	Feb. 2, 1976	2.21	14

## 06114550 Wolf Creek tributary near Coffee Creek, MT

Location.--Lat 47°17'56", long 110°07'57", in NE¼NE¼ sec.25, T.18 N., R.12 E., Judith Basin County, at culverts on county road, 1.8 mi (2.9 km) east of Highway 230, 4 mi (6.4 km) southwest of Coffee Creek.

Drainage area.--1.73 mi<sup>2</sup> (4.48 km<sup>2</sup>)

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 24, 1974. Altitude of gage is 3,875 ft (1,181 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Aug. 20, 1974	4.90	201
1975	Apr. 16, 1975	5.42	660
1976	Aug. 22, 1976	2.12	6

## 06114900 Taffy Creek tributary near Winifred, MT

Location--Lat 47°39'06", long 109°15'33", in SW¼NW¼ sec.26, T.22 N., R.19 E., Fergus County, at culvert on county road, 8.5 mi (13.7 km) northeast of Winifred.

Drainage area--2.47 mi<sup>2</sup> (6.40 km<sup>2</sup>).

Records available--July 1974 to current year.

Gage--Crest-stage gage installed July 25, 1974. Altitude of gage is 3,170 ft (966 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	July 7, 1974	5.80	153
1975	June 19, 1975	5.82	161
1976	June 22, 1976	3.20	56

## 06115100 Missouri River tributary near Landusky, MT

Location--Lat 47°37'35", long 108°41'51", in NW¼ sec.31, T.22 N., R.24 E., Fergus County, at culvert on county road, 0.4 mi (0.6 km) west of U.S. Highway 191 along south side of Missouri River, 19 mi (30.6 km) south of Landusky.

Drainage area--3.39 mi<sup>2</sup> (8.78 km<sup>2</sup>).

Records available--June 1962 to current year.

Gage--Crest-stage gage installed May 14, 1963. Altitude of gage is 2,280 ft (695 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	June 15, 1962	--	1 500
1963	July 18, 1963	3.75	111
1964	May 3, 1964	.04	1
1965	May 7, 1965	1.07	20
1966	--	--	(3)
1967	Mar. 23, 1967	1.86	30
1968	Aug. 15, 1968	2.23	40
1969	June 26, 1969	.99	12
1970	June 12, 1970	.81	10
1971	Aug. 30, 1971	3.75	100
1972	June 9, 1972	5.20	1,950
1973	Aug. 24, 1973	3.70	98
1974	July 7, 1974	4.65	155
1975	May 6, 1975	3.15	74
1976	June 22, 1976	5.35	1,830



## 06115300 Duval Creek near Landusky, MT

Location.--Lat 47°45'17", long 108°42'23", in center of sec.13, T.23 N., R.23 E., Phillips County, at culvert on U.S. Highway 191, 10.0 road mi (16.1 km) north of the Fred Robinson Bridge over the Missouri River, 11 mi (17.7 km) southwest of Landusky.

Drainage area.--3.31 mi<sup>2</sup> (8.57 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 14, 1963. Altitude of gage is 2,900 ft (884 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	May 11, 1963	2.13	46
1964	Aug. 20, 1964	4.23	145
1965	May 7, 1965	6.30	280
1966	Apr. 26, 1966	2.14	47
1967	Mar. 23, 1967	3.80	73
1968	Feb. 28, 1968	2.09	19
1969	Apr. 26, 1969	3.06	46
1970	Apr. 28, 1970	2.84	40
1971	Mar. 16, 1971	2.79	17
1972	June 9, 1972	7.45	340
1973	June 15, 1973	1.79	12
1974	Aug. 8, 1974	6.27	235
1975	May 6, 1975	4.67	168
1976	June 22, 1976	10.46	470

## 06117800 Dirty Creek near Martinsdale, MT

Location.--Lat 46°33'00", long 110°18'52", in SW¼SW¼ sec.11, T.9 N., R.11 E., Meagher County, at culvert on county road, 4.3 mi (6.9 km) north of U.S. Highway 12, 4.9 mi (7.9 km) north of junction of U.S. Highway 12 and turnoff to Martinsdale, 6.5 mi (10.5 km) north of Martinsdale.

Drainage area.--2.82 mi<sup>2</sup> (7.30 km<sup>2</sup>).

Records available.--1972, January 1974 to current year.

Gage.--Crest-stage gage installed Aug. 5, 1974. Altitude of gage is 5,050 ft (1,539 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	5.77	252
1974	Jan. 16, 1974	--	2
1975	Apr. 12, 1975	5.51	120
1976	Apr. 30, 1976	2.75	7



## 06120600 Antelope Creek tributary near Harlowton, MT

Location.--Lat 46°38'27", long 109°58'39", in NE¼ sec.8, T.10 N., R.14 E., Wheatland County, at culvert on county road, 18.3 mi (29.4 km) northwest of Harlowton.

Drainage area.--0.47 mi<sup>2</sup> (1.22 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 13, 1955. Altitude of gage is 5,400 ft (1,650 m), from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1956	June 15, 1956	1.36	13
1957	March 1957	.56	7
1958	--	--	(3)
1959	March 1959	1.72	3
1960	Mar. 18, 1960	2.04	6
1961	June 13, 1961	.25	(3)
1962	Mar. 26, 1962	1.40	1
1963	Feb. 4, 1963	1.32	1
1964	--	--	(3)
1965	April 1965	1.15	<sup>1</sup> 1
1966	July 2, 1966	1.47	2
1967	Apr. 12, 1967	.92	<sup>1</sup> .5
1968	Feb. 28, 1968	1.09	<sup>1</sup> .5
1969	June 6, 1969	4.82	68
1970	Apr. 6, 1970	<sup>2</sup> 2.06	<sup>1</sup> 1
1971	Apr. 26, 1971	1.21	.8
1972	Mar. 18, 1972	1.51	2
1973	Apr. 25, 1973	1.12	.5

06120700 Antelope Creek tributary near mouth,  
near Harlowton, MT

Location.--Lat 46°36'50", long 109°57'00", in NW¼ sec.22, T.10 N., R.14 E., Wheatland County, at bridge on county road, 16.3 mi (26.2 km) northwest of Harlowton.

Drainage area.--1.92 mi<sup>2</sup> (4.97 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 12, 1955. Altitude of gage is 5,000 ft (1,520 m), from topographic map.

06120700 Antelope Creek tributary near mouth, near Harlowton, MT  
(Continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	Mar. 17, 1956	1.60	207
1957	June 16, 1957	1.51	188
1958	May 23, 1958	.17	17
1959	Mar. 20, 1959	.75	65
1960	Mar. 18, 1960	.42	33
1961	--	--	(3)
1962	Mar. 26, 1962	.28	20
1963	Feb. 4, 1963	<sup>2</sup> 1.49	<sup>1</sup> 50
1964	March 1964	.54	<sup>1</sup> 45
1965	April 1965	1.40	165
1966	Mar. 20, 1966	.68	60
1967	Mar. 23, 1967	<sup>2</sup> .58	<sup>1</sup> 5
1968	June 29, 1968	.74	65
1969	June 6, 1969	2.30	307
1970	Apr. 6, 1970	.73	65
1971	Mar. 10, 1971	<sup>2</sup> 1.40	3
1972	Mar. 18, 1972	<sup>2</sup> 1.15	<sup>1</sup> 2
1973	Apr. 25, 1973	.57	47

## 06120800 Antelope Creek tributary No. 2 near Harlowton, MT

Location--Lat 46°27'47", long 109°49'29", in SE¼ sec.10,  
T.8 N., R.15 E., Wheatland County, at E. S. Bacon ranch,  
1.5 mi (2.4 km) north of Harlowton.

Drainage area--21.2 mi<sup>2</sup> (54.9 km<sup>2</sup>).

Records available--July 1955 to current year.

Gage--Crest-stage gage installed July 13, 1955. Altitude of  
gage is 4,250 ft (1,300 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	June 15, 1956	3.51	820
1957	June 21, 1957	1.95	190
1958	June 1958	.36	35
1959	Mar. 20, 1959	.57	80
1960	--	(6)	<sup>1</sup> 25
1961	--	(6)	<sup>1</sup> 25
1962	June 16, 1962	5.56	3,230
1963	Feb. 4, 1963	<sup>2</sup> .61	<sup>1</sup> 20
1964	June 8, 1964	1.41	<sup>1</sup> 130
1965	June 12, 1965	3.79	922
1966	--	(6)	<sup>1</sup> 50
1967	June 13, 1967	1.32	125
1968	June 7, 1968	1.04	95
1969	Mar. 31, 1969	.77	65
1970	May 7, 1970	(6)	<sup>1</sup> 20
1971	May 10, 1971	(6)	5
1972	May 10, 1972	(6)	<sup>1</sup> 2
1973	June 2, 1973	.72	63
1974	Aug. 20, 1974	1.17	90
1975	Aug. 19, 1975	2.61	345
1976	June 22, 1976	<sup>2</sup> 6.50	5,390

## 06120900 Antelope Creek at Harlowton, MT

Location.--Lat 46°26'27", long 109°49'26", in NE¼ sec.22, T.8 N., R.15 E., Wheatland County, on overpass on U.S. Highway 12 at Harlowton.

Drainage area.--88.7 mi<sup>2</sup> (230 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 12, 1955. Altitude of gage is 4,150 ft (1,260 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1950	<sup>5</sup> June 17, 1950	16.73	24,400
1954	<sup>5</sup> Aug. 15, 1954	4.52	1,600
1955	<sup>5</sup> June 26, 1955	3.01	591
1956	June 15, 1956	3.28	800
1957	June 21, 1957	1.52	170
1958	--	( <sup>6</sup> )	<sup>1</sup> 30
1959	--	( <sup>6</sup> )	<sup>1</sup> 30
1960	--	( <sup>6</sup> )	<sup>1</sup> 30
1961	--	( <sup>6</sup> )	<sup>1</sup> 30
1962	June 16, 1962	4.02	1,280
1963	Feb. 4, 1963	( <sup>6</sup> )	<sup>1</sup> 30
1964	--	( <sup>6</sup> )	<sup>1</sup> 30
1965	June 12, 1965	2.2	318
1966	--	( <sup>6</sup> )	<sup>1</sup> 30
1967	June 7, 1967	.60	70
1968	June 13, 1968	.90	95
1969	April 1969	.47	60
1970	May 7, 1970	( <sup>6</sup> )	<sup>1</sup> 10
1971	May 30, 1971	( <sup>6</sup> )	15
1972	May 10, 1972	( <sup>6</sup> )	<sup>1</sup> 5
1973	June 2, 1973	( <sup>6</sup> )	<sup>1</sup> 20

## 06123200 Spring Creek tributary near Harlowton, MT

Location.--Lat 46°11'35", long 109°54'10", in NW¼NW¼ sec.18, T.5 N., R.15 E., Sweet Grass County, at culverts on U.S. Highway 191, 17 mi (27 km) south of Harlowton.

Records available.--October 1973 to current year.

Gage.--Crest-stage gage installed Oct. 29, 1973. Altitude of gage is 4,900 ft (1,490 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1971	--	5.69	204
1973	--	--	( <sup>3</sup> )
1974	Aug. 20, 1974	1.21	2
1975	Apr. 20, 1975	2.46	Not determined
1976	June 22, 1976	1.19	2

06124600 East Fork Roberts Creek tributary  
near Judith Gap, MT

Location.--Lat 46°40'51", long 109°40'24", in SE¼SW¼ sec.26,  
T.11 N., R.16 E., Wheatland County, at culvert on Secondary  
Highway 248, 3.5 mi (5.6 km) east of Judith Gap.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 5, 1974. Altitude of  
gage is 4,725 ft (1,440 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Apr. 30, 1974	3.89	82
1975	May 6, 1975	2.49	26
1976	Apr. 20, 1976	3.61	70

06125520 Swimming Woman Creek tributary near Living Springs, MT

Location.--Lat 46°36'24", long 109°21'33", in SW¼SW¼ sec.20,  
T.10 N., R.19 E., Golden Valley County, at culvert on county  
road, 2.3 mi (3.7 km) east of county line, 12.5 mi (20.1 km)  
northeast of Hedgesville, 19.5 mi (31.4 km) east of Judith  
Gap.

Drainage area.--1.73 mi<sup>2</sup> (4.48 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 5, 1974. Altitude of  
gage is 4,900 ft (1,494 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.19	47
1975	--	--	( <sup>3</sup> )
1976	Mar. 17, 1976	1.89	2

06125680 Big Coulee Creek tributary near Cushman, MT

Location.--Lat 46°14'50", long 109°01'58", in SE¼SE¼ sec.24,  
T.6 N., R.21 E., Golden Valley County, at culvert on county  
road, 3.0 mi (4.8 km) south of Cushman, 5.5 mi (8.8 km)  
southwest of Lavina.

Drainage area.--1.23 mi<sup>2</sup> (3.19 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 6, 1974. Altitude of  
gage is 3,575 ft (1,090 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.90	54
1975	May 10, 1975	1.86	11
1976	Apr. 29, 1976	(6)	1

## 06126300 Currant Creek near Roundup, MT

Location.--Lat 46°22'11", long 108°38'55", in SW¼ sec.7,  
T.7 N., R.25 E., Musselshell County, at bridge on U.S.  
Highway 12, 7 mi (11.3 km) southwest of Roundup.

Drainage area.--220 mi<sup>2</sup> (570 km<sup>2</sup>).

Records available.--May 1958 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 9, 1958. Altitude of  
gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	July 19, 1958	2.12	<sup>1</sup> 40
1959	Mar. 1, 1959	6.65	780
1960	--	--	Unknown
1961	July 21, 1961	1.86	31
1962	June 15, 1962	5.28	395
1963	June 5, 1963	<sup>2</sup> 3.45	<sup>1</sup> 20
1964	June 8, 1964	3.80	140
1965	Apr. 1, 1965	1.55	25
1966	July 3, 1966	2.02	37
1967	June 7, 1967	<sup>2</sup> 9.75	1,620
1968	June 9, 1968	2.85	71
1969	Mar. 18, 1969	<sup>2</sup> 4.36	<sup>1</sup> 150
1970	May 11, 1970	2.80	70
1971	Feb. 12, 1971	4.92	440
1972	June 9, 1972	4.26	320
1973	Aug. 22, 1973	5.33	525

## 06127100 South Willow Creek tributary near Roundup, MT

Location.--Lat 46°30'41", long 108°34'30", in center of E½  
sec.28, T.9 N., R.25 E., Musselshell County, at culvert on  
U.S. Highway 87 between Roundup and Grassrange, 4.5 mi  
(7.2 km) north of Roundup.

Drainage area.--1.38 mi<sup>2</sup> (3.57 km<sup>2</sup>).

Records available.--May 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 28, 1963. Altitude of  
gage is 3,450 ft (1,050 m), from topographic map.



## 06127100 South Willow Creek tributary near Roundup, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	May 13, 1962	8.34	444
1963	--	--	(3)
1964	June 8, 1964	1.77	45
1965	July 27, 1965	9.90	510
1966	July 3, 1966	4.94	210
1967	June 7, 1967	1.75	45
1968	June 9, 1968	4.40	175
1969	Mar. 17, 1969	3.41	120
1970	May 11, 1970	2.74	85
1971	Feb. 13, 1971	1.07	25
1972	June 9, 1972	3.60	130
1973	--	--	(3)
1974	Aug. 20, 1974	1.08	25
1975	Aug. 19, 1975	1.52	37
1976	June 22, 1976	1.20	28

## 06127200 Musselshell River tributary near Musselshell, MT

Location.--Lat 46°30'22", long 108°15'19", in SW $\frac{1}{4}$  sec.30,

T.9 N., R.28 E., Musselshell County, at bridge on U.S. Highway 12, 7.0 road mi (11.3 km) east of Gage Railroad Siding, 2.0 mi (3.2 km) west of road to Delphia, and 8 mi (12.9 km) west of Musselshell.

Drainage area.--10.8 mi<sup>2</sup> (28.0 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 15, 1963. Altitude of gage is 3,070 ft (936 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	(3)
1964	--	--	(3)
1965	April 1965	1.73	150
1966	Mar. 10, 1966	.96	22
1967	March 1967	.44	<sup>1</sup> 1
1968	July 15, 1968	2.30	154
1969	April 1969	1.86	84
1970	June 12, 1970	1.05	20
1971	Feb. 12, 1971	2.04	126
1972	June 9, 1972	3.11	380
1973	--	--	(3)
1974	Jan. 15, 1974	1.23	32
1975	Mar. 3, 1975	2.06	128
1976	Mar. 21, 1976	2.04	110



## 06127505 Fish Creek near Musselshell, MT

Location.--Lat 46°27'25", long 108°06'36", in NW¼SW¼ sec.9, T.8 N., R.29 E., Musselshell County, at culvert on county road, 2.5 mi (4.0 km) southwest of Hawk Creek road, 4.5 mi (7.2 km) southwest of Musselshell.

Drainage area.--17.8 mi<sup>2</sup> (46.1 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 7, 1974. Altitude of gage is 3,150 ft (960 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	5.80	86
1975	Mar. 3, 1975	2.13	16
1976	June 22, 1976	2.53	21

## 06127520 Home Creek near Sumatra, MT

Location.--Lat 46°38'14", long 107°37'12", in SE¼NW¼ sec.7, T.10 N., R.33 E., Rosebud County, 100 ft (305 m) upstream from U.S. Highway 12, 3.7 mi (6.0 km) northwest of Sumatra.

Drainage area.--1.98 mi<sup>2</sup> (5.13 km<sup>2</sup>).

Records available.--September 1973 to current year.

Gage.--Crest-stage gage installed Sept. 7, 1973. Altitude of gage is 3,080 ft (939 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.51	105
1974	May 14, 1974	1.20	1
1975	May 6, 1975	2.85	140
1976	Jan. 17, 1976	1.46	25

## 06127530 Home Creek near Melstone, MT

Location.--Lat 46°38'12", long 107°46'48", in NE¼ sec.14, T.10 N., R.31 E., Rosebud County, at bridge on U.S. Highway 12, 2.2 mi (3.5 km) east of Musselshell River bridge, 5 mi (8.0 km) northeast of Melstone, and 11 mi (17.7 km) west of Sumatra.

Drainage area.--31.2 mi<sup>2</sup> (80.8 km<sup>2</sup>).

Records available.--May 1963 to September 1967 (discontinued).

Gage.--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,860 ft (872 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	(3)
1964	--	--	(3)
1965	May 7, 1965	3.47	195
1966	July 13, 1966	5.98	252
1967	June 4, 1967	3.18	175

## 06127570 Butts Coulee near Melstone, MT

Location--Lat 46°38'49", long 107°49'15", in center of E½ sec.9, T.10 N., R.31 E., Musselshell County, at culvert on county road, 2.8 mi (4.5 km) north of U.S. Highway 12, 4 mi (6.4 km) northeast of Melstone.

Drainage area--5.96 mi<sup>2</sup> (15.4 km<sup>2</sup>).

Records available--May 1963 to current year. Prior to 1966, published as Musselshell River tributary No. 2 near Melstone.

Gage--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,810 ft (856 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	May 11, 1963	2.67	64
1964	Aug. 20, 1964	3.53	100
1965	June 15, 1965	3.9	114
1966	Mar. 8, 1966	1.21	20
1967	June 18, 1967	2.60	62
1968	June 9, 1968	8.44	310
1969	July 7, 1969	11.40	488
1970	June 14, 1970	5.82	170
1971	Feb. 13, 1971	3.43	95
1972	June 9, 1972	6.94	215
1973	Apr. 20, 1973	1.68	32
1974	May 20, 1974	1.21	20
1975	May 6, 1975	8.66	300
1976	June 22, 1976	6.00	180

## 06127585 Little Wall Creek tributary near Flatwillow, MT

Location--Lat 46°45'36", long 108°36'24", in SE¼NW¼ sec.32, T.12 N., R.25 E., Petroleum County, at culvert on U.S. Highway 87, 1.7 mi (2.7 km) north of Junction with Highway 244, 20.5 mi (33.0 km) southeast of Grass Range.

Drainage area--3.95 mi<sup>2</sup> (10.2 km<sup>2</sup>).

Records available--August 1974 to current year.

Gage--Crest-stage gage installed Aug. 7, 1974. Altitude of gage is 3,675 ft (1,120 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.77	32
1975	June 20, 1975	4.21	35
1976	Apr. 17, 1976	1.58	2

## 06128400 South Fork Bear Creek near Roy, MT

Location.--Lat 47°12'04", long 108°47'55", in SW¼ sec.28, T.17 N., R.23 E., Fergus County, at bridge on State Highway 19, 10.2 mi (16.4 km) south of U.S. Highway 191, 11.2 mi (18.0 km) north of U.S. Highway 87 and State Highway 18, 12 mi (19.3 km) southeast of Roy, and 12 mi (19.3 km) north of Grass Range.

Drainage area.--39.6 mi<sup>2</sup> (103 km<sup>2</sup>).

Records available.--June 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed May 15, 1963. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	June 15, 1962	2.67	225
1963	May 11, 1963	1.37	30
1964	June 8, 1964	5.05	1,490
1965	April 1965	2.55	200
1966	July 3, 1966	2.86	265
1967	June 9, 1967	1.78	75
1968	June 9, 1968	4.39	940
1969	Mar. 19, 1969	3.57	500
1970	May 3, 1970	2.86	210
1971	Feb. 13, 1971	3.59	490
1972	July 19, 1972	1.85	75
1973	Aug. 24, 1973	2.19	115
1974	May 20, 1974	2.59	210
1975	July 1, 1975	5.66	2,200
1976	June 22, 1976	2.12	115

## 06128500 South Fork Bear Creek tributary near Roy, MT

Location.--Lat 47°13'44", long 108°47'54", in SW¼ sec.16, T.17 N., R.23 E., Fergus County, at culvert on State Highway 19, 8.7 road mi (14.0 km) south of U.S. Highway 191, 1.7 mi (2.7 km) north of South Fork Bear Creek, 10.5 mi (16.9 km) southeast of Roy, and 14 mi (22.5 km) north of Grass Range.

Drainage area.--5.40 mi<sup>2</sup> (14.0 km<sup>2</sup>).

Records available.--June 1962 to current year.

Gage.--Crest-stage gage installed May 14, 1963. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

## 06128500 South Fork Bear Creek tributary near Roy, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	June 15, 1962	1.90	28
1963	June 25, 1963	.42	1
1964	July 5, 1964	2.88	63
1965	April 1965	2.78	59
1966	July 3, 1966	2.65	53
1967	May 1967	1.33	15
1968	June 9, 1968	3.31	82
1969	Mar. 19, 1969	5.40	185
1970	May 2, 1970	3.00	68
1971	Feb. 13, 1971	4.66	148
1972	July 19, 1972	1.19	12
1973	Apr. 20, 1973	3.64	98
1974	Jul. 7, 1974	4.15	122
1975	May 6, 1975	3.91	111
1976	June 22, 1976	1.37	16

## 06128900 Box Elder Creek tributary near Winnett, MT

Location.--Lat 47°01'45", long 108°09'32", in SW¼NW¼ sec.34, T.15 N., R.28 E., Petroleum County, 0.2 mi (0.3 km) north of State Highway 20 and 8 mi (12.9 km) east of Winnett.

Drainage area.--16.2 mi<sup>2</sup> (42.0 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 14, 1955. Altitude of gage is 2,740 ft (835 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	Aug. 23, 1955	2.20	132
1956	June 18, 1956	2.11	123
1957	Feb. 28, 1957	.66	27
1958	July 31, 1958	2.86	193
1959	Mar. 1, 1959	3.86	412
1960	Mar. 18, 1960	3.37	275
1961	Aug. 10, 1961	.90	40
1962	June 15, 1962	<sup>2</sup> 8.3	<sup>1</sup> 125
1963	May 11, 1963	2.87	194
1964	May 3, 1964	1.89	105
1965	March 1965	<sup>2</sup> 3.84	<sup>1</sup> 200
1966	March 1966	<sup>2</sup> 1.36	<sup>1</sup> 30
1967	May 11, 1967	1.83	100
1968	June 9, 1968	3.27	258
1969	July 6, 1969	5.85	1,030
1970	May 11, 1970	2.29	135
1971	Feb. 16, 1971	<sup>2</sup> 4.32	<sup>1</sup> 20
1972	June 9, 1972	2.55	160
1973	Apr. 24, 1973	1.23	70

## 06129100 North Fork McDonald Creek tributary near Heath, MT

Location.--Lat 47°04'03", long 109°12'46", in NE¼ sec.17, T.15 N., R.20 E., Fergus County, at culvert on U.S. Highway 87 and State Highway 20, 5 mi (8.0 km) northeast of Heath.

Drainage area.--2.24 mi<sup>2</sup> (5.80 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 19, 1959. Altitude of gage is 4,280 ft (1,300 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 18, 1960	1.04	22
1961	Oct. 1, 1960	.02	1
1962	May 21, 1962	1.21	27
1963	May 12, 1963	.38	6
1964	June 8, 1964	1.51	36
1965	March 1965	.90	18
1966	Mar. 31, 1966	.96	20
1967	April 1967	.83	16
1968	August 1968	.34	5
1969	Mar. 20, 1969	.40	6
1970	Apr. 6, 1970	.51	8
1971	Feb. 14, 1971	.50	8
1972	Aug. 3, 1972	.15	3
1973	June 14, 1973	1.25	28
1974	May 20, 1974	.30	5
1975	May 6, 1975	2.20	60

## 06129200 Alkali Creek near Heath, MT

Location.--Lat 47°04'41", long 109°08'48", in SE¼ sec.11, T.15 N., R.20 E., Fergus County, at bridge on county road, 7.5 mi (12.1 km) northeast of Heath.

Drainage area.--3.76 mi<sup>2</sup> (9.74 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 19, 1959. Altitude of gage is 4,060 ft (1,240 m), from topographic map.



## 06129200 Alkali Creek near Heath, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 18, 1960	1.83	<sup>1</sup> 60
1961	Feb. 20, 1961	2.62	<sup>1</sup> 15
1962	June 15, 1962	7.4	757
1963	--	--	<sup>1</sup> 1
1964	June 8, 1964	4.12	<sup>1</sup> 120
1965	March 1965	2.59	<sup>1</sup> 55
1966	Mar. 10, 1966	1.51	<sup>1</sup> 60
1967	June 7, 1967	.36	19
1968	June 11, 1968	-.59	2
1969	Mar. 17, 1969	2.77	<sup>1</sup> 12
1970	May 19, 1970	-.08	9
1971	Feb. 14, 1971	.04	11
1972	Aug. 3, 1972	3.07	<sup>1</sup> 160
1973	June 14, 1973	--	<sup>1</sup> 10
1974	May 20, 1974	.86	35

06129400 South Fork McDonald Creek tributary  
near Grass Range, MT

Location.--Lat 47°00'10", long 108°47'14", in center of sec.3,  
T.14 N., R.23 E., Fergus County, at culvert on U.S. High-  
way 87, 1.4 road mi (2.3 km) south of the approach road to  
Grass Range, 1.5 mi (2.4 km) southeast of Grass Range.

Drainage area.--0.51 mi<sup>2</sup> (1.32 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 15, 1963. Altitude of  
gage is 3,700 ft (1,130 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 29, 1963	0.16	6
1964	June 8, 1964	2.42	38
1965	March 1965	.40	8
1966	March 1966	<sup>2</sup> 1.30	<sup>1</sup> 1
1967	June 14, 1967	.95	15
1968	June 9, 1968	1.25	19
1969	July 6, 1969	2.66	42
1970	May 11, 1970	1.70	26
1971	Feb. 14, 1971	1.53	24
1972	Mar. 11, 1972	.38	8
1973	June 15, 1973	.23	7
1974	July 11, 1974	1.30	20
1975	May 1975	4.75	141
1976	Mar. 18, 1976	.42	8



## 06129500 McDonald Creek at Winnett, MT

Location.--Lat 46°59'41", long 108°21'07", in NW¼ sec.7, T.14 N., R.27 E., Petroleum County, at bridge on State Highway 244, 0.8 mi (1.3 km) south of Winnett.

Drainage area.--421 mi<sup>2</sup> (1,090 km<sup>2</sup>).

Records available.--April 1930 to December 1932, February 1934 to September 1945, and February 1953 to September 1956 (continuous record), October 1956 to September 1973, 1975 (discontinued).

Gage.--Crest-stage gage installed Sept. 19, 1960. Prior to Oct. 1, 1956, wire-weight gage, and Oct. 1, 1956, to March 1960, crest-stage gage 1 mi (1.6 km) downstream at different datum. Altitude of gage is 2,930 ft (893 m), by barometer, at old site.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1931	Mar.1-3, 1931	13.30	<sup>4</sup> 4.2
1932	June 9, 1932	20.40	<sup>4</sup> 562
1934	June 9, 1934	18.12	<sup>4</sup> 351
1935	July 8, 1935	18.30	<sup>4</sup> 371
1936	Mar. 5, 1936	--	<sup>1</sup> 220
1937	July 13, 1937	18.75	401
1938	July 8, 1938	18.71	<sup>4</sup> 328
1939	June 19, 1939	4.55	270
1940	Mar. 3, 1940	--	<sup>1</sup> 75
1941	June 28, 1941	5.42	482
1942	May 15 or 16 1942	7.5	900
1943	June 8, 18, 1943	5.59	<sup>4</sup> 549
1944	June 20, 1944	7.40	853
1945	June 7, 1945	2.48	<sup>4</sup> 180
1953	June 10, 1953	5.66	<sup>4</sup> 424
1954	Aug. 5, 1954	3.00	47
1955	Apr. 11, 1955	4.39	241
1956	Aug. 3, 1956	2.55	88
1957	Mar. 19, 1957	2.20	67
1958	July 19, 1958	3.23	150
1959	Mar. 1, 1959	<sup>2</sup> 6.84	<sup>1</sup> 400
1960	Mar. 19, 1960	4.44	<sup>1</sup> 200
1961	Mar. 20, 1961	1.25	.1
1962	June 17, 1962	4.20	485
1963	Feb. 4, 1963	--	<sup>1</sup> 250
1964	June 10, 1964	<sup>1</sup> 10.0	<sup>1</sup> 440
1965	March 1965	<sup>2</sup> 7.70	<sup>1</sup> 800
1966	Mar. 9, 1966	--	<sup>1</sup> 200
1967	June 16, 1967	6.83	890
1968	June 9, 1968	6.37	810
1969	April 1969	4.43	500
1970	May 11, 1970	8.80	<sup>1</sup> 300
1971	Feb. 14, 1971	<sup>2</sup> 9.48	<sup>1</sup> 750
1972	May 21, 1972	3.08	347
1973	Apr. 24, 1973	.89	78
1975	--	10.31	1,590

## 06129700 Gorman Coulee near Cat Creek, MT

Location.--Lat  $47^{\circ}00'46''$ , long  $108^{\circ}05'59''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.31, T.15 N., R.29 E., Petroleum County, at culvert on State Highway 20, 6 mi (9.7 km) southwest of Cat Creek.

Drainage area.--2.32 mi<sup>2</sup> (6.01 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 14, 1955. Altitude of gage is 2,740 ft (835 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	Aug. 23, 1955	5.59	385
1956	June 18, 1956	2.73	126
1957	Aug. 30, 1957	1.37	43
1958	July 19, 1958	2.09	83
1959	June 26, 1959	1.84	68
1960	--	--	Unknown
1961	--	--	(3)
1962	May 16, 1962	1.06	28
1963	--	--	15
1964	Aug. 20, 1964	1.89	70
1965	July 10, 1965	4.05	237
1966	March 1966	.14	5
1967	June 7, 1967	5.00	328
1968	Aug. 15, 1968	.79	20
1969	July 6, 1969	9.80	810
1970	June 13, 1970	2.15	85
1971	June 27, 1971	2.88	135
1972	June 9, 1972	5.18	346
1973	Sept. 1, 1973	.66	15

## 06129800 Gorman Coulee tributary near Cat Creek, MT

Location.--Lat  $47^{\circ}00'45''$ , long  $108^{\circ}05'33''$ , in SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.31, T.15 N., R.29 E., Petroleum County, at culvert on State Highway 20, 6 mi (9.7 km) southwest of Cat Creek.

Drainage area.--0.81 mi<sup>2</sup> (2.10 km<sup>2</sup>).

Records available.--May 1955 to current year.

Gage.--Crest-stage gage installed May 27, 1955. Altitude of gage is 2,760 ft (841 m), from topographic map.

## 06129800 Gorman Coulee tributary near Cat Creek, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	Aug. 23, 1955	3.02	159
1956	June 18, 1956	.96	32
1957	Aug. 30, 1957	1.24	44
1958	July 31, 1958	2.52	122
1959	Sept. 22, 1959	.28	10
1960	Mar. 18, 1960	.37	12
1961	Aug. 10, 1961	.50	15
1962	May 16, 1962	.55	17
1963	--	--	<sup>1</sup> 5
1964	Aug. 20, 1964	1.85	78
1965	July 10, 1965	2.74	133
1966	Mar. 9, 1966	<sup>2</sup> 5.2	<sup>1</sup> 5
1967	June 7, 1967	4.14	230
1968	June 9, 1968	.94	31
1969	July 6, 1969	5.12	315
1970	June 13, 1970	.60	20
1971	June 27, 1971	2.52	115
1972	June 9, 1972	5.80	380
1973	Sept. 1, 1973	.20	10
1974	Jan. 17, 1974	.34	15
1975	July 1, 1975	.48	18
1976	Feb. 18, 1976	<sup>2</sup> 4.7	<sup>1</sup> 10

## 06130600 Cat Creek near Cat Creek, MT

Location--Lat 47°02'38", long 108°01'00", in SW¼ sec. 23, T.15 N., R.29 E., Petroleum County, at culvert on county road, 2.5 mi (4.0 km) south of Cat Creek.

Drainage area--36.5 mi<sup>2</sup> (94.5 km<sup>2</sup>).

Records available--April 1958 to September 1973 (discontinued).

Gage--Crest-stage gage installed Apr. 19, 1958. Altitude of gage is 2,650 ft (808 m), from topographic map.

## 06130600 Cat Creek near Cat Creek, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	Aug. 15, 1958	2.76	92
1959	Mar. 12, 1959	4.58	170
1960	Mar. 18, 1960	5.85	379
1961	June 23, 1961	1.27	40
1962	June 16, 1962	6.19	748
1963	June 29, 1963	.72	26
1964	Aug. 20, 1964	2.61	90
1965	May 7, 1965	3.56	125
1966	Mar. 10, 1966	1.35	43
1967	June 7, 1967	.55	13
1968	Feb. 26, 1968	<sup>2</sup> 1.22	<sup>1</sup> 5
1969	July 6, 1969	2.32	76
1970	June 12, 1970	3.14	108
1971	Feb. 26, 1971	2.54	85
1972	June 9, 1972	3.44	120
1973	June 15, 1973	3.44	120

## 06130610 Bair Coulee near Mosby, MT

Location.--Lat 47°03'15", long 107°36'43", in NE¼NE¼ sec.23, T.15 N., R.32 E., Garfield County, at bridge on U.S. Highway 200, 6.8 mi (10.9 km) southwest of Sand Springs.

Drainage area.--1.79 mi<sup>2</sup> (4.64 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 13, 1974. Altitude of gage is 2,980 ft (908 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.60	Not determined
1975	July 31, 1975	1.62	Not determined
1976	Mar. 18, 1976	1.67	Not determined

## 06130620 Blood Creek tributary near Valentine, MT

Location.--Lat 47°20'12", long 108°27'48", in SW¼NW¼ sec.7, T.18 N., R.26 E., Fergus County, at culvert on county road, 3.0 mi (4.8 km) northeast of Valentine, 16 mi (26 km) east of State Highway 19, 23 mi (37 km) east of Roy.

Drainage area.--1.97 mi<sup>2</sup> (5.10 km<sup>2</sup>).

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 25, 1974. Altitude of gage is 2,950 ft (899 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.75	41
1975	June 20, 1975	7.15	533
1976	June 22, 1976	1.00	1

## 06130800 Second Creek tributary near Jordan, MT

Location--Lat 47°11'31", long 106°48'06", in NW¼NW¼ sec.31, T.17 N., R.39 E., Garfield County, at culvert on State Highway 22, 11 mi (17.7 km) southeast of Jordan.

Drainage area--0.52 mi<sup>2</sup> (1.35 km<sup>2</sup>).

Records available--March 1958 to September 1973 (discontinued).

Gage--Crest-stage gage installed Mar. 18, 1958. Altitude of gage is 2,750 ft (838 m), from topographic map.

Annual maximum data--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1954	<sup>5</sup> Aug. 16, 1954	9.64	334
1958	--	--	(3)
1959	Mar. 17, 1959	1.22	13
1960	Mar. 18, 1960	1.75	21
1961	--	--	(3)
1962	Mar. 18, 1962	1.10	12
1963	Feb. 4, 1963	<sup>2</sup> 2.00	<sup>1</sup> 5
1964	June 18, 1964	9.62	304
1965	April 1965	1.58	18
1966	July 2, 1966	.91	8
1967	June 7, 1967	1.90	24
1968	Feb. 26, 1968	<sup>2</sup> 2.54	<sup>1</sup> 10
1969	July 7, 1969	6.42	74
1970	June 30, 1970	2.16	27
1971	Feb. 14, 1971	2.06	25
1972	Aug. 14, 1972	5.63	68
1973	June 18, 1973	1.25	13

## 06130850 Second Creek tributary No. 2 near Jordan, MT

Location--Lat 47°12'23", long 106°48'56", in NE¼ sec.25, T.17 N., R.38 E., Garfield County, at culvert on State Highway 22, 9.5 mi (15.3 km) southeast of Jordan.

Drainage area--2.08 mi<sup>2</sup> (5.39 km<sup>2</sup>).

Records available--March 1958 to current year.

Gage--Crest-stage gage installed Mar. 18, 1958. Altitude of gage is 2,750 ft (838 m), from topographic map.



## 06130850 Second Creek tributary No. 2 near Jordan, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	June 1958	0.86	23
1959	Mar. 17, 1959	1.7	58
1960	Mar. 18, 1960	1.98	75
1961	Sept. 11, 1961	-.37	<sup>1</sup> 2
1962	Mar. 18, 1962	.51	15
1963	Feb. 26, 1963	.82	20
1964	June 18, 1964	8.40	760
1965	Mar. 31, 1965	1.65	55
1966	July 2, 1966	.40	13
1967	June 7, 1967	.73	20
1968	Feb. 26, 1968	.26	10
1969	Apr. 25, 1969	.32	11
1970	June 30, 1970	2.89	120
1971	Feb. 14, 1971	.19	8
1972	Aug. 14, 1972	5.06	270
1973	June 18, 1973	1.99	75
1974	Aug. 14, 1974	2.91	120
1975	May 6, 1975	1.47	55
1976	June 22, 1976	1.70	58

## 06130900 Second Creek tributary No. 3 near Jordan, MT

Location.--Lat 47°13'10", long 106°49'31", in NW¼ sec.24,

T.17 N., R.38 E., Garfield County, at culvert on State Highway 22, 8.5 mi (13.7 km) southeast of Jordan.

Drainage area.--0.72 mi<sup>2</sup> (1.86 km<sup>2</sup>).

Records available.--July 1958 to September 1972 (discontinued).

Gage.--Crest-stage gage installed July 23, 1958. Altitude of gage is 2,780 ft (847 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	--	--	(3)
1959	Mar. 3, 1959	1.77	31
1960	Mar. 18, 1960	1.03	18
1961	June 1, 1961	.23	<sup>1</sup> 3
1962	July 14, 1962	.81	14
1963	July 18, 1963	.47	8
1964	June 18, 1964	13.32	458
1965	Mar. 31, 1965	1.44	25
1966	Mar. 10, 1966	.39	7
1967	Mar. 22, 1967	.75	13
1968	Feb. 26, 1968	.76	13
1969	Apr. 25, 1969	.92	16
1970	Apr. 28, 1970	1.68	30
1971	Feb. 14, 1971	.83	14
1972	Aug. 14, 1972	2.81	55



## 06130915 Russian Coulee near Jordan, MT

Location.--Lat 47°19'58", long 106°42'39", in NE¼SW¼ sec.11  
T.18 N., R.39 E., Garfield County, at bridge on U.S. Highway 200, 9.4 mi (15.1 km) east of Jordan.

Drainage area.--3.45 mi<sup>2</sup> (8.94 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 14, 1974. Altitude of gage is 2,530 ft (771 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.85	135
1975	June 26, 1975	2.51	70
1976	June 22, 1976	4.57	175

## 06130925 Thompson Creek tributary near Cohagen, MT

Location.--Lat 46°57'05", long 106°27'38", in NW¼SW¼ sec.19, T.14 N., R.42 E., Garfield County, 100 ft (30.5 m) downstream from bridge, 1.3 mi (2.1 km) northeast of Thompson Creek, 10.5 mi (16.9 km) southeast of Cohagen, 11 mi (18 km) northeast of county line, 14.1 mi (22.7 km) northeast of Rock Springs.

Drainage area.--1.23 mi<sup>2</sup> (3.19 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 15, 1974. Altitude of gage is 2,750 ft (838 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	5.30	272
1975	May 6, 1975	2.20	27
1976	Aug. 9, 1976	6.21	510

## 06130940 Spring Creek tributary near Van Norman, MT

Location.--Lat 47°14'58", long 106°18'21", in NW¼NE¼ sec.12, T.17 N., R.42 E., Garfield County, at culvert on county road, 7.2 mi (11.6 km) south of State Highway 200, 20.6 mi (33.1 km) northeast of Cohagen.

Drainage area.--1.39 mi<sup>2</sup> (3.60 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 16, 1974. Altitude of gage is 2,440 ft (744 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	14.96	238
1975	Apr. 11, 1975	2.42	56
1976	Mar. 11, 1976	3.80	42

## 06130950 Little Dry Creek near Van Norman, MT

Location.--Lat 47°20'22", long 106°21'47", in NE¼NE¼ sec.9, T.18 N., R.42 E., Garfield County, at bridge on State Highway 20, 1.5 mi (2.4 km) southeast of Van Norman.

Drainage area.--1,224 mi<sup>2</sup> (3,170 km<sup>2</sup>).

Records available.--May 1958 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 5, 1958. Altitude of gage is 2,350 ft (716 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	July 6, 1958	0.83	160
1959	Mar. 18, 1959	6.80	5,200
1960	Mar. 20, 1960	<sup>2</sup> 7.6	<sup>1</sup> 4,000
1961	Sept. 11, 1961	3.08	1,320
1962	Mar. 22, 1962	2.32	850
1963	Feb. 6, 1963	<sup>2</sup> 2.49	<sup>1</sup> 800
1964	July 5, 1964	2.88	1,200
1965	Aug. 6, 1965	6.01	<sup>7</sup> 4,300
1966	July 3, 1966	4.39	2,450
1967	March 1967	<sup>2</sup> 3.19	<sup>1</sup> 600
1968	July 16, 1968	4.28	2,350
1969	Mar. 21, 1969	<sup>2</sup> 3.96	<sup>1</sup> 1,400
1970	Apr. 28, 1970	2.92	1,200
1971	Mar. 13, 1971	4.51	2,300
1972	Mar. 13, 1972	<sup>2</sup> 5.85	<sup>1</sup> 3,000
1973	Sept. 7, 1973	2.90	1,200
1974	Aug. 21, 1974	6.35	4,600
1975	July 17, 1975	6.09	4,500

## 06131100 Timber Creek tributary near Van Norman, MT

Location.--Lat 47°23'32", long 106°10'15", in SE¼NE¼ sec.24, T.19 N., R.43 E., McCone County, at culvert on State Highway 24, 4.7 mi (7.6 km) north of State Highway 200, 12 mi (19 km) east of Van Norman.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 28, 1974. Altitude of gage is 2,425 ft (739 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.28	112
1975	June 30, 1975	2.30	35
1976	Aug. 9, 1976	4.24	110

## 06131300 McGuire Creek tributary near Van Norman, MT

Location.--Lat 47°36'22", long 106°09'12", in NE¼SE¼ sec.2, T.21 N., R.43 E., McCone County, at culvert on State Highway 24, 0.7 mi (1.1 km) south of McGuire Creek, 19 mi (31 km) north of State Highway 200, 20.5 mi (33.0 km) northeast of Van Norman.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 14, 1974. Altitude of gage is 2,400 ft (732 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.39	137 (corrected)
1975	June 30, 1975	3.29	80 (corrected)
1976	June 11, 1976	3.26	79

## 06132250 Livermore Creek near Babb, MT

Location.--Lat 48°46'02", long 113°10'33", in NE¼ sec.28, T.35 N., R.12 W., Glacier County, at bridge on State Highway 464, 13.5 mi (21.7 km) southeast of Babb.

Drainage area.--25.0 mi<sup>2</sup> (64.8 km<sup>2</sup>).

Records available.--August 1961 to September 1967 (discontinued).

Gage.--Crest-stage gage installed Aug. 13, 1961. Altitude of gage is 4,730 ft (1,440 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	--	--	Unknown
1962	Apr. 13, 1962	3.43	152
1963	July 5, 1963	2.62	75
1964	June 8, 1964	--	4,880
1965	May 26, 1965	7.21	1,150
1966	June 4, 1966	7.41	196
1967	May 9, 1967	7.60	<sup>1</sup> 600

## 06132300 Middle Fork Milk River near Babb, MT

Location.--Lat 48°50'40", long 113°12'50", in SE¼ sec.30, T.36 N., R.12 W., Glacier County, at culvert on State Highway 464, 10 mi (16.1 km) east of Babb.

Drainage area.--14.0 mi<sup>2</sup> (36.3 km<sup>2</sup>).

Records available.--August 1961 to September 1964 (discontinued).

Gage.--Crest-stage gage installed Aug. 13, 1961. Altitude of gage is 4,810 ft (1,470 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	--	--	Unknown
1962	Apr. 13, 1962	2.62	107
1963	July 5, 1963	<sup>2</sup> 2.12	<sup>1</sup> 30
1964	June 8, 1964	2.96	558

## 06132400 Dry Fork Milk River near Babb, MT

Location.--Lat  $48^{\circ}49'50''$ , long  $113^{\circ}12'02''$ , in SE $\frac{1}{4}$  sec.32, T.36 N., R.12 W., Glacier County, at bridge on State Highway 464, 11 mi (17.7 km) east of Babb.

Drainage area.--17.9 mi<sup>2</sup> (46.4 km<sup>2</sup>).

Records available.--August 1961 to current year.

Gage.--Crest-stage gage installed Aug. 13, 1961. Altitude of gage is 4,750 ft (1,450 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	--	--	Unknown
1962	Apr. 13, 1962	3.96	394
1963	July 5, 1963	2.41	70
1964	June 8, 1964	5.20	1,880
1965	Apr. 26, 1965	3.92	98
1966	June 4, 1966	4.32	450
1967	May 8, 1967	4.79	1,040
1968	May 22, 1968	3.45	125
1969	June 25, 1969	3.73	180
1970	June 13, 1970	3.85	210
1971	Apr. 15, 1971	2.99	62
1972	Mar. 16, 1972	<sup>2</sup> 6.10	<sup>1</sup> 1,000
1973	Apr. 12, 1973	--	<sup>1</sup> 25
1974	Apr. 27, 1974	<sup>2</sup> 4.37	72
1975	June 20, 1975	5.55	2,200
1976	April 4, 1976	<sup>2</sup> 6.15	<sup>1</sup> 500

## 06132700 Milk River near Del Bonita, MT

Location.--Lat  $48^{\circ}57'15''$ , long  $112^{\circ}45'08''$ , in center of N $\frac{1}{2}$  sec.23, T.37 N., R.9 W., Glacier County, at bridge on State Highway 483, 3.5 mi (5.6 km) southeast of customs post at Del Bonita.

Drainage area.--325 mi<sup>2</sup> (842 km<sup>2</sup>).

Records available.--April 1905 to September 1930, August 1960 to September 1967 (discontinued). (Mostly seasonal record April 1905 to September 1930 and seasonal record station April 1962 to November 1964).

Gage.--Crest-stage gage installed Aug. 12, 1961. Altitude of gage is 4,030 ft (1,230 m), from topographic map.

## 06132700 Milk River near Del Bonita, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1906	May 31, 1906	5.9	629
1907	June 23, 1907	8.90	1,940
1908	June 6, 1908	15.4	<sup>1</sup> 13,000
1911	May 16, 1911	6.55	1,610
1913	Apr. 13, 1913	5.7	1,120
1914	Apr. 12, 1914	4.80	588
1915	June 25, 1915	6.9	1,820
1916	Feb. 16, 1916	8.6	2,840
1917	Apr. 8, 1917	6.42	1,520
1919	Apr. 1, 1919	3.14	326
1923	June 22, 1923	3.62	487
1924	June 8, 1924	4.96	1,230
1927	Apr. 25, 1927	7.60	3,290
1929	June 3, 1929	3.77	597
1930	Mar. 28, 1930	5.90	1,570
1961	--	--	Unknown
1962	Apr. 14, 1962	<sup>2</sup> 4.13	<sup>1</sup> 800
1963	Feb. 6, 1963	<sup>2</sup> 5.10	<sup>4</sup> 765
1964	June 8, 1964	9.0	17,300
1965	Apr. 13, 1965	4.87	1,600
1966	June 5, 1966	5.39	2,330
1967	May 8, 1967	6.98	6,600

## 06134800 Van Cleeve Coulee tributary near Sunburst, MT

Location.--Lat 48°53'05". long 111°49'20", on north line of NE¼ sec.14, T.36 N., R.2 W., Toole County, at culvert on county road, 3.7 road mi (6.0 km) east of the interchange on Interstate 15 at Sunburst.

Drainage area.--10.8 mi<sup>2</sup> (28.0 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 17, 1963. Altitude of gage is 3,340 ft (1,020 m), from topographic map.



## 06134800 Van Cleeve Coulee tributary near Sunburst, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	(3)
1964	May 3, 1964	2.08	35
1965	Apr. 7, 1965	4.00	239
1966	Mar. 9, 1966	1.55	15
1967	Mar. 22, 1967	<sup>2</sup> 3.80	<sup>1</sup> 110
1968	Feb. 28, 1968	1.15	10
1969	Mar. 17, 1969	<sup>2</sup> 3.84	<sup>1</sup> 110
1970	Mar. 20, 1970	2.26	46
1971	Feb. 14, 1971	1.26	11
1972	Mar. 16, 1972	<sup>2</sup> 2.84	<sup>1</sup> 30
1973	Apr. 12, 1973	1.07	10
1974	Apr. 28, 1974	1.44	13
1975	Apr. 21, 1975	3.41	92
1976	Mar. 18, 1976	2.36	58

## 06136400 Spring Coulee tributary near Simpson, MT

Location.--Lat 48°56'36", long 110°12'51", in SW¼SW¼ sec.24, T.37 N., R.12 E., Hill County, at culvert on Highway 232, 1.3 mi (2.1 km) northwest of Simpson, 0.7 mi (1.1 km) north of mile post 39, 38 mi (61 km) northwest of Havre.

Drainage area.--2.49 mi<sup>2</sup> (6.45 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed July 17, 1974. Altitude of gage is 2,775 ft (846 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.12	35 (corrected)
1974	May 13, 1974	2.00	9
1975	Apr. 19, 1975	1.35	3
1976	Mar. 17, 1976	1.97	9

## 06137600 Sage Creek tributary No. 2 near Joplin, MT

Location.--Lat 48°54'38", long 110°46'20", in NE¼NE¼ sec.2, T.36 N., R.7 E., Liberty County, at culvert on Highway 224, 0.7 mi (1.1 km) north of Sage Creek, 5.9 mi (9.5 km) north of end of pavement, 25.2 mi (41 km) north of Joplin.

Drainage area.--2.21 mi<sup>2</sup> (5.72 km<sup>2</sup>).

Records available.--May 1974 to current year.

Gage.--Crest-stage-gage installed July 18, 1974. Altitude of gage is 3,135 ft (956 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	May 13, 1974	2.47	15
1975	June 19, 1975	3.52	67
1976	Mar. 17, 1976	2.44	20



## 06137900 England Coulee at Hingham, MT

Location.--Lat 48°33'34", long 110°25'15", in center of sec.3, T.32 N., R.10 E., Hill County, at culvert on farm road, 0.5 mi (0.8 km) northeast of Hingham.

Drainage area.--0.93 mi<sup>2</sup> (2.41 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 27, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 17, 1960	1.51	14
1961	--	--	(3)
1962	June 14, 1962	5.46	299
1963	July 3, 1963	2.27	26
1964	April 1964	.06	.1
1965	Apr. 9, 1965	2.71	45
1966	Mar. 9, 1966	1.40	18
1967	Feb. 26, 1967	1.36	17
1968	--	--	(3)
1969	Mar. 22, 1969	1.83	<sup>1</sup> 20
1970	June 13, 1970	1.62	23
1971	Mar. 13, 1971	1.83	28
1972	Mar. 12, 1972	<sup>2</sup> 3.39	<sup>1</sup> 1
1973	--	--	(3)
1974	Aug. 9, 1974	2.10	34

## 06138700 South Fork Spring Coulee near Havre, MT

Location.--Lat 48°24'33", long 109°49'44", in NE¼ sec.31, T.31 N., R.15 E., Hill County, at culvert on county road, 12 mi (19.3 km) southwest of Havre.

Drainage area.--6.47 mi<sup>2</sup> (16.8 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,770 ft (844 m), from topographic map.

## 06138700 South Fork Spring Coulee near Havre, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 17, 1960	2.04	33
1961	May 31, 1961	.04	2
1962	Mar. 18, 1962	1.68	25
1963	June 22, 1963	2.06	34
1964	May 3, 1964	.10	2
1965	April 1965	2.47	44
1966	Mar. 9, 1966	4.42	190
1967	Feb. 27, 1967	3.15	59
1968	Feb. 29, 1968	--	.1
1969	Mar. 26, 1969	3.47	75
1970	Mar. 7, 1970	1.96	31
1971	Feb. 12, 1971	2.38	50
1972	Mar. 13, 1972	<sup>2</sup> 1.73	<sup>1</sup> 5
1973	Apr. 24, 1973	.50	5
1974	Jan. 17, 1974	3.24	60
1975	Apr. 21, 1975	1.94	30
1976	Mar. 17, 1976	.61	7

## 06138800 Spring Coulee near Havre, MT

Location.--Lat 48°25'20", long 109°51'49", in NW¼ sec.25, T.31 N., R.14 E., Hill County, at culverts on county road, 13 mi (20.9 km) southwest of Havre.

Drainage area.--17.8 mi<sup>2</sup> (46.1 km<sup>2</sup>).

Records available.--May 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,670 ft (814 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Disc</u>
1959	<sup>5</sup> Mar. 11, 1959	5.60	257
1960	Mar. 17, 1960	--	<sup>1</sup> 10
1961	--	--	(3)
1962	Mar. 18, 1962	1.32	48
1963	Feb. 3, 1963	1.35	46
1964	--	--	(3)
1965	Apr. 6, 1965	2.01	77
1966	Mar. 9, 1966	6.24	345
1967	Mar. 22, 1967	3.41	146
1968	--	--	(3)
1969	Mar. 26, 1969	5.56	255
1970	July 13, 1970	.73	22
1971	Feb. 12, 1971	5.75	263
1972	Mar. 13, 1972	(6)	<sup>1</sup> 2
1973	Feb. 28, 1973	(6)	<sup>1</sup> 3

## 06139500 Big Sandy Creek near Assinniboine, MT

Location.--Lat 48°31'36", long 109°50'27", in SW¼SW¼ sec.18, T.32 N., R.15 E., Hill County, 2 mi (3.2 km) northwest of Assinniboine.

Drainage area.--1,805 mi<sup>2</sup> (4,675 km<sup>2</sup>).

Records available.--February 1946 to November 1953 (continuous record), April 1955 to September 1967 (discontinued).

Gage.--Water-stage recorder re-installed Apr. 9, 1955. Altitude of gage is 2,510 ft (765 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1946	Feb. 27, 1946	--	<sup>8</sup> 86
1947	Mar. 21, 1947	9.68	<sup>9</sup> 2,080
1948	Mar. 22, 1948	--	<sup>8</sup> 17
1949	Mar. 31, 1949	--	<sup>8</sup> 5
1950	Mar. 29, 1950	3.88	208
1951	Mar. 23, 1951	5.01	391
1952	Apr. 3, 1952	14.70	5,570
1953	June 6, 1953	6.56	714
1954	--	--	Unknown
1955	Apr. 11, 1955	6.48	698
1956	Mar. 30, 1956	<sup>2</sup> 6.47	<sup>1</sup> 550
1957	Feb. 28, 1957	<sup>2</sup> 5.13	<sup>1</sup> 250
1958	Mar. 28, 1958	--	<sup>1</sup> 500
1959	Mar. 11, 1959	7.80	1,100
1960	Mar. 25, 1960	<sup>1</sup> 4.1	215
1961	June 3, 1961	3.64	132
1962	June 12, 1962	2.54	6
1963	Feb. 6, 1963	2.16	.1
1964	May 19, 1964	6.62	700
1965	Apr. 12, 1965	11.31	2,950
1966	Mar. 9, 1966	8.07	1,200
1967	June 13, 1967	6.08	630

## 06140400 Bullhook Creek near Havre, MT

Location.--Lat 48°30'37", long 109°38'36", in NE¼ sec.27, T.32 N., R.16 E., Hill County, at bridge on county road, 3.5 mi (5.6 km) south of Havre.

Drainage area.--39.6 mi<sup>2</sup> (103 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 26, 1959. Altitude of gage is 2,610 ft (796 m), from topographic map.

## 06140400 Bullhook Creek near Havre, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 18, 1960	1.84	85
1961	--	--	(3)
1962	Mar. 18, 1962	1.49	55
1963	Feb. 24, 1963	.86	13
1964	May 4, 1964	1.38	47
1965	Aug. 23, 1965	3.68	350
1966	Mar. 9, 1966	3.87	390
1967	Mar. 22, 1967	2.44	135
1968	Feb. 24, 1968	1.75	75
1969	Mar. 26, 1969	4.25	470
1970	Mar. 7, 1970	1.92	90
1971	Jan. 20, 1971	6.04	700
1972	--	--	Unknown
1973	Apr. 24, 1973	1.06	9
1974	Jan. 17, 1974	3.02	190
1975	May 5, 1975	2.27	98

## 06141900 Milk River tributary near Lohman, MT

Location.--Lat 48°35'03", long 109°25'48", in SW¼ sec.30,  
T.33 N., R.18 E., Blaine County at culvert on U.S. Highway  
2, 1.2 mi (1.9 km) west of Lohman.

Drainage area.--0.11 mi<sup>2</sup> (0.28 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 26, 1959. Altitude of  
gage is 2,450 ft (747 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 15, 1960	0.24	0.4
1961	--	--	(3)
1962	--	--	(3)
1963	--	--	(3)
1964	--	--	(3)
1965	July 7, 1965	.96	1 5
1966	Mar. 9, 1966	1.24	1 8
1967	Mar. 22, 1967	.48	1.4
1968	--	--	(3)
1969	Mar. 26, 1969	.57	2.5
1970	July 13, 1970	1.78	16
1971	Feb. 12, 1971	1.14	6
1972	June 9, 1972	5.33	72
1973	--	--	(3)
1974	Jan. 17, 1974	.79	3

## 06153400 Fifteenmile Creek tributary near Zurich, MT

Location.--Lat 48°38'36", long 109°02'50", in SE¼SE¼ sec.1, T.33 N., R.21 E., Blaine County, at culvert on county road, 4.3 mi (6.9 km) north of U.S. Highway 2, 4.3 mi (6.9 km) north of Zurich.

Drainage area.--1.40 mi<sup>2</sup> (3.63 km<sup>2</sup>).

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 16, 1974. Altitude of gage is 2,590 ft (789 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.60	41
1975	July 31, 1975	3.26	35
1976	Mar. 18, 1976	1.21	1

## 06154350 Peoples Creek tributary near Lloyd, MT

Location.--Lat 48°11'33", long 109°18'25", in SW¼SE¼ sec.8, T.28 N., R.19 E., Blaine County, at culvert on county road, 1.6 mi (2.6 km) south of Peoples Creek, 8 mi (12.9 km) south of Lloyd, 9 mi (14.5 km) southwest of Cleveland.

Drainage area.--2.51 mi<sup>2</sup> (6.50 km<sup>2</sup>).

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 17, 1974. Altitude of gage is 4,140 ft (1,262 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	June 14, 1974	4.54	11
1975	May 6, 1975	4.96	15
1976	June 11, 1976	4.26	9

## 06154410 Little Peoples Creek near Hays, MT

Location.--Lat 47°57'59", long 108°39'37", in SE¼SE¼NW¼ sec.32, T.26 N., R.24 E., Blaine County, on right bank 0.5 mi (0.8 km) upstream from entrance to Mission Canyon, and 2 mi (3 km) southeast of Hays.

Drainage area.--13.0 mi<sup>2</sup> (30.6 km<sup>2</sup>).

Records available.--August 1972 to current year.

Gage.--Water-stage recorder installed August 1972. Altitude of gage is 3,760 ft (1,150 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	June 19, 1973	2.68	67
1974	May 25, 1974	4.57	576
1975	June 19, 1975	3.14	288
1976	July 7, 1976	.36	6



## 06155100 Black Coulee near Malta, MT

Location.--Lat 48°12'44", long 108°02'46", in NE¼ sec.1,  
T.28 N., R.28 E., Phillips County, at bridge on U.S. Highway  
191, 12 mi (19.3 km) southwest of Malta.

Drainage area.--6.64 mi<sup>2</sup> (17.2 km<sup>2</sup>).

Records available.--July 1955 to September 1967 (discontinued).

Gage.--Crest-stage gage installed July 27, 1955. Altitude of  
gage is 2,450 ft (747 m), from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1956	July 3, 1956	1.98	<sup>1</sup> 100
1957	Mar. 19, 1957	1.85	<sup>1</sup> 90
1958	April 1958	1.02	28
1959	Mar. 13, 1959	<sup>2</sup> 2.93	<sup>1</sup> 60
1960	Mar. 18, 1960	<sup>2</sup> 3.21	Unknown
1961	May 30, 1961	1.04	29
1962	July 18, 1962	2.96	<sup>1</sup> 200
1963	Feb. 5, 1963	<sup>2</sup> 2.93	Unknown
1964	May 3, 1964	3.16	<sup>1</sup> 220
1965	May 7, 1965	2.45	<sup>1</sup> 150
1966	March 1966	.91	23
1967	March 1967	<sup>2</sup> 2.68	<sup>1</sup> 50

## 06155200 Alkali Creek near Malta, MT

Location.--Lat 48°16'05", long 107°57'57", near center of sec.16,  
T.29 N., R.29 E., Phillips County, at bridge on U.S. Highway  
191, 8.2 mi (13.2 km) southwest of Malta.

Drainage area.--162 mi<sup>2</sup> (420 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 27, 1955. Altitude of  
gage is 2,270 ft (692 m), from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1956	Mar. 19, 1956	<sup>2</sup> 0.85	<sup>1</sup> 45
1957	Mar. 21, 1957	1.69	355
1958	Mar. 25, 1958	.82	104
1959	Mar. 13, 1959	<sup>2</sup> 3.0	<sup>1</sup> 800
1960	--	--	Unknown
1961	--	( 6 )	<sup>1</sup> 220
1962	July 14, 1962	2.68	750
1963	Feb. 5, 1963	<sup>2</sup> 3.09	<sup>1</sup> 700
1964	May 4, 1964	1.36	245
1965	April 1965	<sup>1</sup> 4.0	Unknown
1966	--	( 6 )	<sup>1</sup> 10
1967	Mar. 22, 1967	<sup>2</sup> 4.43	Unknown
1968	--	( 6 )	<sup>1</sup> 10
1969	Mar. 29, 1969	1.60	322
1970	May 2, 1970	1.76	380
1971	Mar. 30, 1971	<sup>2</sup> 2.63	<sup>1</sup> 550
1972	July 25, 1972	( 6 )	<sup>1</sup> 20
1973	Apr. 20, 1973	( 6 )	<sup>1</sup> 5



## 06155300 Disjardin Coulee near Malta, MT

Location.--Lat 48°16'33", long 107°57'49", in SE¼NW¼ sec.16, T.29 N., R.29 E., Phillips County, at bridge on U.S. Highway 191, 8 mi (12.9 km) southwest of Malta.

Drainage area.--3.67 mi<sup>2</sup> (9.51 km<sup>2</sup>).

Records available.--July 1955 to current year.

Gage.--Crest-stage gage installed July 26, 1955. Altitude of gage is 2,290 ft (698 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	Aug. 5, 1956	3.22	160
1957	Mar. 19, 1957	1.02	22
1958	--	--	(a)
1959	Mar. 18, 1959	1.62	132
1960	Mar. 18, 1960	.61	32
1961	May 30, 1961	.44	20
1962	July 18, 1962	2.23	<sup>1</sup> 200
1963	Feb. 5, 1963	<sup>2</sup> 3.25	<sup>1</sup> 100
1964	Aug. 20, 1964	.38	7
1965	Apr. 12, 1965	5.15	<sup>1</sup> 360
1966	March 1966	1.37	34
1967	Mar. 22, 1967	1.89	90
1968	Feb. 28, 1968	.47	15
1969	March 1969	.81	30
1970	June 14, 1970	.41	13
1971	Mar. 31, 1971	.55	17
1972	July 25, 1972	.66	22
1973	--	--	(3)
1974	Aug. 20, 1974	.30	10
1975	Aug. 20, 1975	2.04	67
1976	Mar. 19, 1976	1.14	27

## 06155400 Taylor Coulee near Malta, MT

Location.--Lat  $48^{\circ}19'33''$ , long  $107^{\circ}54'50''$ , in SE $\frac{1}{4}$  sec.26, T.30 N., R.29 E., Phillips County, at bridge on U.S. Highway 191, 3.5 mi (5.6 km) southwest of Malta.

Drainage area.--5.08 mi<sup>2</sup> (13.2 km<sup>2</sup>).

Records available.--July 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 28, 1955. Altitude of gage is 2,290 ft (698 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	Mar. 19, 1956	1.75	52
1957	Mar. 19, 1957	1.43	22
1958	--	--	(3)
1959	July 13, 1959	1.94	84
1960	Mar. 18, 1960	1.89	75
1961	July 30, 1961	.90	2
1962	July 18, 1962	1.54	65
1963	Feb. 5, 1963	.95	20
1964	--	--	(3)
1965	Apr. 12, 1965	.68	<sup>1</sup> 1
1966	--	--	(3)
1967	Mar. 22, 1967	<sup>2</sup> 2.16	<sup>1</sup> 70
1968	Feb. 28, 1968	.12	<sup>1</sup> 1
1969	--	--	(3)
1970	June 14, 1970	.65	8
1971	Mar. 31, 1971	1.44	24
1972	July 25, 1972	2.04	105
1973	Sept. 2, 1973	.50	1

## 06155600 Murray Coulee tributary near Hogeland, MT

Location.--Lat  $48^{\circ}47'16''$ , long  $108^{\circ}44'50''$ , in SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.17, T.35 N., R.23 E., Blaine County, at culverts on county road, 6.5 mi (10.5 km) southwest of Hogeland, 13.6 mi (22.9 km) north of State Highway 241, 18.4 mi (29.6 km) northeast of Harlem.

Drainage area.--1.77 mi<sup>2</sup> (4.58 km<sup>2</sup>).

Records available.--July 1974 to current year.

Gage.--Crest-stage gage installed July 16, 1974. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	6.28	403
1975	June 19, 1975	5.82	345 (corrected)
1976	Mar. 18, 1976	3.95	153

## 06156100 Lush Coulee near Whitewater, MT

Location.--Lat 48°41'10", long 107°41'25", in SE¼SE¼ sec.20, T.34 N., R.31 E., Phillips County, 3 mi (4.8 km) north of State Highway 242, 6 mi (9.7 km) southwest of Whitewater.

Drainage area.--9.58 mi<sup>2</sup> (24.8 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 15, 1974. Altitude of gage is 2,455 ft (748 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.69	178 (corrected)
1974	--	2.82	83 (corrected)
1975	Apr. 20, 1975	3.00	91 (corrected)
1976	June 21, 1976	1.64	39

## 06164600 Beaver Creek tributary near Zortman, MT

Location.--Lat 47°55'38", long 108°21'07", in NE¼NE¼ sec.15, T.25 N., R.26 E., Phillips County, at bridge on State Highway 191, 0.3 mi (0.5 km) northeast of turnoff to Zortman, 8 mi (12.9 km) east of Zortman.

Drainage area.--3.89 mi<sup>2</sup> (10.1 km<sup>2</sup>).

Records available.--1972, June 1974 to current year.

Gage.--Crest-stage gage installed June 17, 1974. Altitude of gage is 3,010 ft (917 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	6.76	Not determined
1974	--	2.84	Not determined
1975	June 19, 1975	2.71	Not determined
1976	July 9, 1976	2.13	Not determined

## 06165200 Beaver Creek tributary No. 2 near Malta, MT

Location.--Lat 48°14'34", long 107°32'58", in SW¼NE¼ sec.27 T.29 N., R.32 E., Phillips County, at culvert on county road, 17 mi (27 km) southeast of Malta, 18 mi (29 km) southwest of Saco, 11 mi (18 km) south of Bowdoin.

Drainage area.--1.95 mi<sup>2</sup> (5.05 km<sup>2</sup>).

Records available.--September 1974 to current year.

Gage.--Crest-stage gage installed Sept. 5, 1974. Altitude of gage is 2,275 ft (693 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	2.70	35
1975	Apr. 8, 1975	1.40	3 (corrected)
1976	Mar. 15, 1976	1.72	8

## 06172300 Unger Coulee near Vandalia, MT

Location.--Lat 48°22'11", long 106°47'37", in SW¼ sec.9, T.30 N., R.38 E., Valley County, at bridge on U.S. Highway 2, 4.5 mi (7.2 km) northeast of Vandalia.

Drainage area.--11.1 mi<sup>2</sup> (28.7 km<sup>2</sup>).

Records available.--April 1958 to current year.

Gage.--Crest-stage gage installed Apr. 15, 1958. Altitude of gage is 2,220 ft (677 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	March 1958	0.92	10
1959	Apr. 1, 1959	1.41	32
1960	Mar. 20, 1960	2.32	225
1961	June 13, 1961	1.02	13
1962	July 14, 1962	3.28	575
1963	June 29, 1963	2.23	46
1964	July 19, 1964	1.20	12
1965	May 6, 1965	2.63	330
1966	March 1966	1.15	10
1967	Mar. 27, 1967	<sup>2</sup> 2.75	<sup>1</sup> 100
1968	Feb. 28, 1968	<sup>2</sup> 2.24	<sup>1</sup> 30
1969	Apr. 26, 1969	1.30	17
1970	June 30, 1970	2.75	370
1971	May 30, 1971	2.23	195
1972	June 9, 1972	6.31	4,460
1973	--	--	(3)
1974	May 20, 1974	2.84	250
1975	May 7, 1975	3.08	320
1976	July 2, 1976	3.08	320

## 06172350 Mooney Coulee near Tampico, MT

Location.--Lat 48°17'09", long 106°42'31", in NW¼ sec.7, T.29 N., R.39 E., Valley County, at bridge on U.S. Highway 2, 5.5 mi (8.8 km) east of Tampico.

Drainage area.--14.3 mi<sup>2</sup> (37.0 km<sup>2</sup>).

Records available.--August 1960 to September 1975 (discontinued).

Gage.--Crest-stage gage installed Aug. 24, 1960. Altitude of gage is 2,220 ft (677 m), from topographic map.

## 06172350 Mooney Coulee near Tampico, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	Unknown
1961	June 13, 1961	2.37	400
1962	July 14, 1962	2.20	220
1963	Feb. 5, 1963	<sup>2</sup> 1.30	<sup>1</sup> 50
1964	--	--	( <sup>3</sup> )
1965	May 1965	.14	<sup>1</sup> 1
1966	July 13, 1966	.40	2
1967	Mar. 27, 1967	<sup>2</sup> 1.35	85
1968	Feb. 28, 1968	1.05	35
1969	July 6, 1969	.78	17
1970	June 13, 1970	1.30	65
1971	May 30, 1971	1.29	63
1972	June 9, 1972	2.14	210
1973	--	--	( <sup>3</sup> )
1974	Mar. 12, 1974	<sup>2</sup> 1.18	<sup>1</sup> 50
1975	Apr. 21, 1975	.98	33

## 06173300 Willow Creek tributary near Fort Peck, MT

Location.--Lat 47°53'36", long 106°53'22", in SE¼NE¼ sec.25, T.25 N., R.37 E., Valley County, at culvert on county road, 6.8 mi (10.9 km) west of the Pines Recreation area turnoff, 19.8 mi (32 km) southwest of State Highway 24, and 21.5 mi (34.6 km) southwest of Fort Peck.

Drainage area.--0.86 mi<sup>2</sup> (2.23 km<sup>2</sup>).

Records available.--1972, June 1974 to current year.

Gage.--Crest-stage gage installed June 14, 1974. Altitude of gage is 2,275 ft (693 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	9.38	940
1974	June 21, 1974	4.40	63
1975	May 6, 1975	8.55	185
1976	July 1, 1976	8.25	120

## 06174300 Milk River tributary No. 3 near Glasgow, MT

Location.--Lat 48°12'17", long 106°33'05", in SW¼SW¼ sec.3, T.28 N., R.40 E., Valley County, at upstream end of culvert on county road, 1.4 mi (2.9 km) east of State Highway 247, 4 mi (6.4 km) northeast of Glasgow.

Drainage area.--1.82 mi<sup>2</sup> (4.71 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 13, 1974. Altitude of gage is 2,255 ft (687 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	May 20, 1974	7.05	128
1975	July 1, 1975	7.61	251
1976	July 1, 1976	2.51	43



## 06174600 Snow Coulee at Opheim, MT

Location.--Lat  $48^{\circ}50'27''$ , long  $106^{\circ}24'47''$ , in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.25, T.36 N., R.40 E., Valley County, at culvert, 1 mi (1.6 km) south of Opheim on FAS Route 247.

Drainage area.--2.95 mi<sup>2</sup> (7.64 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed June 13, 1974. Altitude of gage is 3,200 ft (975 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.56	245
1974	May 18, 1974	1.31	30
1975	May 7, 1975	2.01	53
1976	July 1, 1976	2.74	87

## 06175550 East Fork Sand Creek near Vida, MT

Location.--Lat  $47^{\circ}48'10''$ , long  $105^{\circ}36'27''$ , in NW $\frac{1}{4}$  sec.31, T.24 N., R.48 E., McCone County, at culverts on county road, 5.8 road mi (9.3 km) west of State Highway 13, on Sand Creek road, 6 mi (9.7 km) southwest of Vida.

Drainage area.--8.51 mi<sup>2</sup> (22.0 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 18, 1963. Altitude of gage is 2,200 ft (671 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 6, 1963	4.88	600
1964	June 18, 1964	1.24	94
1965	Apr. 2, 1965	--	250
1966	July 2, 1966	5.9	1,180
1967	March 1967	1.23	94
1968	Feb. 28, 1968	.76	75
1969	Mar. 26, 1969	3.53	220
1970	Apr. 7, 1970	1.42	60
1971	Mar. 31, 1971	2.07	130
1972	Aug. 21, 1972	5.96	1,220
1973	--	--	(3)
1974	Aug. 21, 1974	2.25	120
1975	May 6, 1975	3.70	240
1976	June 11, 1976	4.40	420



## 06175700 East Fork Wolf Creek near Lustre, MT

Location.--Lat 48°24'58", long 105°47'51", in SE¼ sec.30, T.31 N., R.46 E., Valley County, at culverts on county road, 4 mi (6.4 km) east of Lustre.

Drainage area.--9.61 mi<sup>2</sup> (24.9 km<sup>2</sup>).

Records available.--June 1955 to current year.

Gage.--Crest-stage gage installed June 9, 1955. Altitude of gage is 2,720 ft (829 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	June 1956	2.27	12
1957	March 1957	<sup>2</sup> 3.28	<sup>1</sup> 5
1958	April 1958	<sup>2</sup> .58	<sup>1</sup> 1
1959	June 21, 1959	.42	2
1960	Mar. 19, 1960	<sup>2</sup> 5.20	<sup>1</sup> 150
1961	Mar. 5, 1961	<sup>2</sup> 3.44	<sup>1</sup> 130
1962	June 14, 1962	3.26	74
1963	Mar. 6, 1963	--	<sup>1</sup> 40
1964	Apr. 1, 1964	<sup>2</sup> 1.74	50
1965	June 16, 1965	2.92	60
1966	March 1966	<sup>2</sup> 4.79	<sup>1</sup> 90
1967	March 1967	2.61	55
1968	Aug. 15, 1968	3.58	75
1969	Apr. 26, 1969	--	<sup>1</sup> 280
1970	June 30, 1970	6.42	2,230
1971	Apr. 9, 1971	5.33	150 (corrected)
1972	Mar. 15, 1972	5.03	184
1973	--	--	( <sup>3</sup> )
1974	May 20, 1974	4.61	150
1975	July 1, 1975	2.89	53 (corrected)
1976	Mar. 19, 1976	5.67	744

## 06175900 Wolf Creek tributary No. 2 near Wolf Point, MT

Location.--Lat 48°12'05", long 105°44'45", in sec.11, T.28 N., R.46 E., Roosevelt County, at bridge on county road, 9.5 mi (15.3 km) northwest of Wolf Point.

Drainage area.--6.10 mi<sup>2</sup> (15.8 km<sup>2</sup>).

Records available.--June 1955 to current year.

Gage.--Crest-stage gage installed June 24, 1955. Altitude of gage is 2,240 ft (683 m), from topographic map.

## 06175900 Wolf Creek tributary No. 2 near Wolf Point, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 1955	1.50	15
1956	April 1956	1.92	26
1957	July 14, 1957	2.03	28
1958	Mar. 24, 1958	1.62	1
1959	June 20, 1959	3.81	979
1960	Mar. 18, 1960	3.24	140
1961	May 21, 1961	3.00	110
1962	July 1, 1962	4.78	365
1963	July 10, 1963	4.18	265
1964	May 5, 1964	1.56	1
1965	June 16, 1965	2.66	80
1966	July 2, 1966	3.23	135
1967	March 1967	<sup>2</sup> 5.40	<sup>1</sup> 300
1968	July 16, 1968	7.81	3,900
1969	Apr. 7, 1969	3.18	130
1970	July 28, 1970	3.63	185
1971	Apr. 9, 1971	3.37	155
1972	Mar. 15, 1972	5.47	380
1973	June 18, 1973	3.08	10
1974	May 20, 1974	5.25	330
1975	July 1, 1975	5.35	350
1976	Mar. 19, 1976	4.45	180

## 06176500 Wolf Creek near Wolf Point, MT

Location.--Lat 48°05'47", long 105°40'41", in N½ sec.17, T.27 N., R.47 E., Roosevelt County, 2.0 mi (3.2 km) northwest of Wolf Point.

Drainage area.--251 mi<sup>2</sup> (650 km<sup>2</sup>).

Records available.--August 1908 to July 1914 and March 1950 to September 1953 (continuous record), 1954, May 1955 to September 1973 (discontinued).

Gage.--Water-stage recorder re-installed May 6, 1955. Altitude of gage is 2,010 ft (613 m), from topographic map.

## 06176500 Wolf Creek near Wolf Point, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1909	--	--	Unknown
1910	Mar. 13-15, 1910	3.9	<sup>4</sup> 110
1911	Mar. 19-23, 1911	4.45	<sup>4</sup> 154
1912	Apr. 1, 1912	5.9	<sup>4</sup> 270
1913	--	--	Unknown
1914	--	--	Unknown
1950	Apr. 18, 1950	5.30	188
1951	Apr. 5, 1951	6.06	324
1952	Apr. 7, 1952	9.25	7,050
1953	June 3, 1953	7.29	1,010
1954	Apr. 4 or 5, 1954	12.9	9,780
1956	Mar. 23, 1956	--	<sup>1</sup> 60
1957	July 14, 1957	5.29	<sup>1</sup> 180
1958	Apr. 1, 1958	3.30	<sup>1</sup> 6
1959	June 21, 1959	6.74	<sup>1</sup> 330
1960	Mar. 20, 1960	9.71	7,500
1961	May 22, 1961	5.97	120
1962	June 15, 1962	7.95	1,440
1963	July 11, 1963	5.60	140
1964	May 5, 1964	5.07	52
1965	July 8, 1965	6.32	<sup>1</sup> 480
1966	July 2, 1966	6.92	950
1967	Mar. 29, 1967	8.13	1,700
1968	July 16, 1968	6.85	420
1969	Apr. 7, 1969	7.30	<sup>1</sup> 1,000
1970	June 13, 1970	7.82	1,400
1971	--	--	Unknown
1972	Mar. 15, 1972	9.51	6,450
1973	June 18, 1973	4.09	10

## 06176950 Missouri River No. 6 near Wolf Point, MT

Location.--Lat 48°03'23", long 105°33'22", in NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec.32, T.27 N., R.48 E., McCone County, on left bank at upstream end of culvert on county road, 1.2 mi (1.9 km) west of State Highway 13, 5 mi (8 km) southwest of Wolf Point.

Drainage area.--0.08 mi<sup>2</sup> (0.21 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 11, 1974. Altitude of gage is 1,995 ft (608 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	4.90	28
1974	--	3.90	16 (corrected)
1975	Apr. 26, 1975	3.51	11 (corrected)
1976	Mar. 19, 1976	5.51	34

## 06177020 Tule Creek tributary near Wolf Point, MT

Location.--Lat  $48^{\circ}14'40''$ , long  $105^{\circ}29'31''$ , in  $SE\frac{1}{4}SE\frac{1}{4}$  sec.21, T.29 N., R.48 E., Roosevelt County, on right bank at upstream end of culvert, on county road, 0.2 mi (0.3 km) east of State Highway 13, 8.6 mi (13.8 km) north of U.S. Highway 2, 12.5 mi (20.1 km) northeast of Wolf Point.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 11, 1974. Altitude of gage is 2,320 ft (707 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	6.80	77
1975	June 30, 1975	8.70	118
1976	June 7, 1976	1.58	22

## 06177050 East Fork Duck Creek near Brockway, MT

Location.--Lat  $47^{\circ}11'14''$ , long  $105^{\circ}47'09''$ , in sec.31, T.17 N., R.47 E., McCone County, at bridge on county road, 8 mi (12.9 km) south of Brockway.

Drainage area.--12.4 mi<sup>2</sup> (32.1 km<sup>2</sup>).

Records available.--June 1955 to current year.

Gage.--Crest-stage gage installed June 13, 1955. Altitude of gage is 2,660 ft (811 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 12, 1955	1.46	106
1956	Mar. 2, 1956	1.08	60
1957	July 14, 1957	3.64	505
1958	July 21, 1958	.19	8
1959	Mar. 18, 1959	2.47	273
1960	Aug. 16, 1960	1.65	140
1961	May 31, 1961	1.62	134
1962	July 14, 1962	1.97	190
1963	June 6, 1963	4.30	650
1964	July 5, 1964	1.31	93
1965	June 16, 1965	2.33	250
1966	July 1, 1966	2.19	224
1967	March 1967	<sup>2</sup> 2.85	<sup>1</sup> 30
1968	Feb. 27, 1968	<sup>2</sup> 2.95	<sup>1</sup> 10
1969	Mar. 17, 1969	<sup>2</sup> 2.50	<sup>1</sup> 120
1970	June 12, 1970	.40	12
1971	Mar. 30, 1971	1.59	130
1972	Mar. 12, 1972	2.49	280
1973	--	--	(3)
1974	June 21, 1974	.84	40
1975	Apr. 3, 1975	.94	50
1976	Mar. 18, 1976	1.09	65

## 06177100 Duck Creek near Brockway, MT

Location.--Lat 47°14'20", long 105°48'30", in SE¼ sec.11, T.17 N., R.46 E., McCone County, at bridge on county road, 5 mi (8.0 km) southwest of Brockway.

Drainage area.--54.0 mi<sup>2</sup> (140 km<sup>2</sup>).

Records available.--1921-22, miscellaneous measurements only. May 1957 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 21, 1957. Altitude of gage is 2,580 ft (786 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1957	July 14, 1957	4.00	640
1958	July 3, 1958	1.05	40
1959	Mar. 18, 1959	5.15	1,000
1960	Mar. 20, 1960	3.57	520
1961	June 1, 1961	-.06	<sup>1</sup> 1
1962	June 6, 1962	2.59	270
1963	June 6, 1963	4.79	890
1964	July 5, 1964	1.76	<sup>1</sup> 50
1965	June 16, 1965	2.88	340
1966	July 1, 1966	1.85	130
1967	March 1967	<sup>2</sup> 1.57	<sup>1</sup> 50
1968	Feb. 29, 1968	<sup>2</sup> 1.60	<sup>1</sup> 10
1969	Mar. 19, 1969	<sup>2</sup> 3.04	<sup>1</sup> 300
1970	June 12, 1970	2.44	240
1971	Mar. 30, 1971	2.03	160
1972	Mar. 12, 1972	4.67	840
1973	Mar. 1, 1973	.17	5

## 06177150 Redwater River at Brockway, MT

Location.--Lat 47°18'16", long 105°45'57", in NW¼ sec.20, T.18 N., R.47 E., McCone County, at bridge on county road, 0.2 mi (0.3 km) northwest of Brockway.

Drainage area.--216 mi<sup>2</sup> (559 km<sup>2</sup>).

Records available.--January 1958 to Sept. 1973 (discontinued).

Gage.--Crest-stage gage installed Jan. 16, 1958. Altitude of gage is 2,550 ft (777 m), from topographic map.



## 06177150 Redwater River at Brockway, MT (continued)

## Annual maximum data--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1957	<sup>5</sup> July 14, 1957	5.8	1,220
1958	July 3, 1958	1.86	130
1959	Mar. 18, 1959	5.53	1,130
1960	Mar. 20, 1960	<sup>2</sup> 6.94	<sup>1</sup> 1,000
1961	June 1, 1961	2.26	200
1962	June 6, 1962	5.80	1,220
1963	June 6, 1963	5.45	1,520
1964	July 5, 1964	3.95	790
1965	Apr. 3, 1965	4.56	<sup>1</sup> 800
1966	March 1966	3.26	420
1967	March 1967	2.50	250
1968	Feb. 26, 1968	<sup>2</sup> 1.90	<sup>1</sup> 50
1969	Mar. 19, 1969	2.4	240
1970	June 12, 1970	2.84	330
1971	Apr. 7, 1971	5.84	1,730
1972	Mar. 12, 1972	6.61	1,900
1973	--	.24	5

## 06177200 Tusler Creek near Brockway, MT

Location.--Lat 47°17'49", long 105°39'48", in SE¼ sec.24, T.18 N., R.47 E., McCone County, at bridge on county road, 4 mi (6.4 km) east of Brockway.

Drainage area.--90.2 mi<sup>2</sup> (234 km<sup>2</sup>).

Records available.--October 1956 to Sept. 1972 (discontinued).

Gage.--Crest-stage gage installed Oct. 12, 1956. Altitude of gage is 2,550 ft (777 m), from topographic map.

## Annual maximum data--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1957	Feb. 27, 1957	1.66	200
1958	July 21, 1958	-.22	14
1959	Mar. 18, 1959	<sup>2</sup> 2.16	<sup>1</sup> 150
1960	Mar. 20, 1960	1.96	280
1961	Mar. 6, 1961	-.04	18
1962	July 19, 1962	3.36	430
1963	June 6, 1963	2.34	280
1964	July 5, 1964	1.88	215
1965	June 16, 1965	1.15	120
1966	March 1966	1.43	155
1967	March 1967	.73	75
1968	--	--	<sup>1</sup> 10
1969	Mar. 19, 1969	1.75	197
1970	June 12, 1970	.91	93
1971	Apr. 7, 1971	3.32	420
1972	Mar. 12, 1972	<sup>2</sup> 4.10	<sup>1</sup> 385



## 06177250 Tusler Creek tributary near Brockway, MT

Location.--Lat 47°17'46", long 105°41'07", in NE¼ sec.26, T.18 N., R.47 E., McCone County, at bridge on county road, 4 mi (6.4 km) east of Brockway.

Drainage area.--3.17 mi<sup>2</sup> (8.21 km<sup>2</sup>).

Records available.--September 1956 to Sept. 1973 (discontinued).

Gage.--Crest-stage gage installed Sept. 15, 1956. Altitude of gage is 2,590 ft (789 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1957	July 14, 1957	0.81	61
1958	--	--	(3)
1959	Mar. 18, 1959	.46	37
1960	Aug. 16, 1960	1.10	85
1961	--	--	(3)
1962	--	--	(3)
1963	Feb. 26, 1963	1.49	<sup>1</sup> 30
1964	July 5, 1964	7.80	1,610
1965	April 1965	--	<sup>1</sup> 1
1966	--	--	(3)
1967	--	--	(3)
1968	--	--	(3)
1969	Mar. 18, 1969	3.04	3
1970	March 1970	5.08	41
1971	Mar. 14, 1971	4.83	35
1972	Mar. 13, 1972	7.00	<sup>1</sup> 150
1973	June 18, 1973	3.38	6

## 06177300 Redwater River tributary near Brockway, MT

Location.--Lat 47°20'46", long 105°41'03", in NE¼SE¼ sec.2, T.18 N., R.47 E., McCone County, at culvert on State Highway 20, 4 mi (6.4 km) northeast of Brockway.

Drainage area.--0.29 mi<sup>2</sup> (0.75 km<sup>2</sup>).

Records available.--1954, July 1957 to Sept. 1973 (discontinued).

Gage.--Crest-stage gage installed Jan. 15, 1958. Altitude of gage is 2,500 ft (762 m), from topographic map.

## 06177300 Redwater River tributary near Brockway, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1954	Aug. 18, 1954	7.40	72
1957	July 14, 1957	9.40	83
1958	--	--	(3)
1959	Mar. 18, 1959	<sup>2</sup> 4.35	<sup>1</sup> 20
1960	Mar. 20, 1960	1.17	12
1961	July 29, 1961	1.65	16
1962	June 6, 1962	.62	8
1963	June 3, 1963	.60	8
1964	July 5, 1964	11.12	234
1965	June 16, 1965	.89	4
1966	March 1966	.69	3
1967	March 1967	.35	2
1968	Feb. 26, 1968	.88	4
1969	Mar. 19, 1969	<sup>2</sup> 1.91	2
1970	June 12, 1970	.91	5
1971	--	--	(3)
1972	Mar. 13, 1972	3.70	26
1973	--	--	(3)

## 06177350 South Fork Dry Ash Creek near Circle, MT

Location.--Lat 47°17'23", long 105°35'29", in NW¼ sec.27,

T.18 N., R.48 E., McCone County, at bridge on county road,  
9.2 mi (14.8 km) south of Circle.

Drainage area.--5.74 mi<sup>2</sup> (14.9 km<sup>2</sup>).

Records available.--June 1955 to September 1972 (discontinued).

Gage.--Crest-stage gage installed June 13, 1955. Altitude of  
gage is 2,670 ft (814 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 12, 1955	2.18	56
1956	Mar. 1, 1956	1.37	17
1957	Feb. 26, 1957	1.58	52
1958	June 3, 1958	.23	3
1959	Mar. 22, 1959	2.12	79
1960	Aug. 16, 1960	2.40	85
1961	--	--	(3)
1962	July 14, 1962	1.12	22
1963	June 6, 1963	.76	10
1964	July 5, 1964	1.93	58
1965	June 16, 1965	2.08	66
1966	June 4, 1966	1.52	37
1967	March 1967	1.50	36
1968	--	--	(3)
1969	July 3, 1969	.66	8
1970	March 1970	<sup>2</sup> 1.65	<sup>1</sup> 5
1971	Mar. 13, 1971	1.83	53
1972	Mar. 12, 1972	<sup>2</sup> 3.11	<sup>1</sup> 80

## 06177400 McCune Creek near Circle, MT

Location--Lat 47°20'53", long 105°35'14", in NW¼ sec.3,  
T.18 N., R.48 E., McCone County, near bridge on county road,  
5 mi (8.0 km) south of Circle.

Drainage area--29.9 mi<sup>2</sup> (77.4 km<sup>2</sup>).

Records available--June 1955 to September 1973 (discontinued).

Gage--Crest-stage gage installed June 13, 1955. Altitude of  
gage is 2,500 ft (762 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 12, 1955	4.32	128
1956	Mar. 20, 1956	3.31	52
1957	July 14, 1957	4.93	175
1958	June 3, 1958	.98	6
1959	Mar. 22, 1959	--	Unknown
1960	Mar. 20, 1960	5.44	<sup>1</sup> 150
1961	Mar. 6, 1961	1.36	<sup>1</sup> 5
1962	July 19, 1962	7.26	235
1963	June 6, 1963	6.29	<sup>1</sup> 450
1964	July 5, 1964	6.98	<sup>1</sup> 1,000
1965	June 16, 1965	5.28	180
1966	Mar. 10, 1966	4.70	110
1967	March 1967	3.42	90
1968	June 10, 1968	2.38	<sup>1</sup> 10
1969	June 26, 1969	3.55	120
1970	July 14, 1970	2.18	15
1971	Mar. 13, 1971	4.23	500
1972	Mar. 13, 1972	4.50	<sup>1</sup> 800
1973	June 18, 1973	2.03	<sup>1</sup> 5

## 06177700 Cow Creek tributary near Vida, MT

Location--Lat 47°42'34", long 105°29'24", in SE¼ sec.36,  
T.23 N., R.48 E., McCone County, at bridge on State Highway  
13, 8.8 mi (14.2 km) south of Vida, and 20 mi (32.2 km)  
northeast of Circle.

Drainage area--1.71 mi<sup>2</sup> (4.43 km<sup>2</sup>).

Records available--May 1963 to current year.

Gage--Crest-stage gage installed May 18, 1963. Altitude of  
gage is 2,390 ft (728 m), from topographic map.

## 06177700 Cow Creek tributary near Vida, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 5, 1963	4.07	750
1964	--	--	(3)
1965	June 15, 1965	.90	20
1966	July 2, 1966	2.30	200
1967	March 1967	1.25	50
1968	Feb. 26, 1968	.85	17
1969	Mar. 21, 1969	1.71	100
1970	Apr. 7, 1970	1.41	62
1971	Mar. 31, 1971	1.30	53
1972	Mar. 13, 1972	<sup>2</sup> 3.10	300
1973	--	--	(3)
1974	May 20, 1974	.93	23
1975	May 6, 1975	2.42	225
1976	July 2, 1976	3.74	620

## 06177720 West Fork Sullivan Creek near Richey, MT

Location.--Lat 47°31'47", long 105°13'43", in NW¼NW¼ sec.4, T.20 N., R.51 E., Dawson County, at culvert on county road, 2.5 mi (4.0 km) south of Highway 200, 11 mi (18 km) southwest of Richey, 19 mi (31 km) northeast of Circle.

Drainage area.--13.8 mi<sup>2</sup> (35.7 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 28, 1974. Altitude of gage is 2,520 ft (768 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	5.45	103
1974	--	--	(3)
1975	May 7, 1975	3.52	49 (corrected)
1976	July 2, 1976	5.52	104

## 06177800 Wolf Creek tributary near Vida, MT

Location.--Lat 47°54'49", long 105°29'53", in SE¼ sec.15, T.25 N., R.48 E., McCone County, at bridge on State Highway 13, 11.1 road mi (17.9 km) south of the Missouri bridge near Wolf Point, and 5.5 mi (8.8 km) north of Vida.

Drainage area.--0.91 mi<sup>2</sup> (2.36 km<sup>2</sup>).

Records available.--July 1962 to current year.

Gage.--Crest-stage gage installed May 18, 1963. Altitude of gage is 2,400 ft (732 m), from topographic map.

## 06177800 Wolf Creek tributary near Vida, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	July 14, 1962	8.58	<sup>1</sup> 1,500
1963	Aug. 25, 1963	1.83	<sup>1</sup> 70
1964	--	--	(3)
1965	Apr. 13, 1965	3.00	<sup>1</sup> 150
1966	July 4, 1966	5.45	850
1967	Mar. 22, 1967	<sup>2</sup> 1.33	21
1968	Feb. 26, 1968	.20	1
1969	Apr. 7, 1969	1.42	40
1970	June 12, 1970	5.50	870
1971	Mar. 31, 1971	.46	7
1972	Mar. 13, 1972	1.86	38
1973	--	--	(3)
1974	Aug. 8, 1974	1.96	80
1975	July 1, 1975	2.86	165
1976	July 2, 1976	2.59	96

## 06177820 North Fork Creek tributary near Richey, MT

Location.--Lat 47°52'28", long 104°56'10", in SE $\frac{1}{4}$ NE $\frac{1}{4}$  sec.36, T.25 N., R.52 E., Richland County, at culvert on county road, 15.3 mi (24.6 km) north of Highway 200, 14.5 mi (23.3 km) northwest of Enid.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,350 ft (716 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.35	42
1975	May 6, 1975	2.33	19
1976	Mar. 18, 1976	3.71	54

## 06179100 Butte Creek tributary near Four Buttes, MT

Location.--Lat 48°48'33", long 105°35'08", in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.5, T.35 N., R.47 E., Daniels County, attached to wooden post on left bank at upstream end of culvert on FAS Route 248, 1 mi (1.6 km) east of Four Buttes.

Drainage area.--1.57 mi<sup>2</sup> (4.07 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed June 12, 1974. Altitude of gage is 2,460 ft (750 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.55	144 (corrected)
1974	May 13, 1974	1.76	10
1975	July 1, 1975	7.60	609
1976	Mar. 18, 1976	2.77	48



## 06181200 Missouri River tributary No. 2 near Brockton, MT

Location.--Lat 48°09'20", long 104°53'32", in NE¼ sec.29, T.28 N., R.53 E., Roosevelt County, at culverts on U.S Highway 2, 1.2 mi (1.9 km) east of Brockton.

Drainage area.--1.60 mi<sup>2</sup> (4.14 km<sup>2</sup>).

Records available.--August 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,960 ft (597 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	Aug. 10, 1962	8.08	260
1963	July 24, 1963	8.34	313
1964	Apr. 1, 1964	1.53	12 (revised)
1965	June 15, 1965	1.88	17 (revised)
1966	July 4, 1966	1.23	8 (revised)
1967	March 1967	<sup>2</sup> 2.91	<sup>1</sup> 35 (revised)
1968	Aug. 15, 1968	(e)	1 (revised)
1969	Apr. 6, 1969	1.30	8 (revised)
1970	July 23, 1970	1.64	13 (revised)
1971	Mar. 15, 1971	1.10	7 (revised)
1972	June 9, 1972	5.35	103 (revised)
1973	June 18, 1973	(e)	1 (revised)
1974	May 13, 1974	.76	2 (revised)
1975	July 1975	2.01	19 (revised)
1976	June 8, 1976	1.35	9

## 06182700 Middle Fork Big Muddy Creek near Flaxville, MT

Location.--Lat 48°48'08", long 105°06'48", in SW¼NE¼ sec.12, T.35 N., R.50 E., Daniels County, on left downstream piling of bridge on State Highway 5, 2.8 mi (4.5 km) east of Flaxville.

Drainage area.--2.88 mi<sup>2</sup> (7.46 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed June 12, 1974. Altitude of gage is 2,570 ft (783 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	3.32	Not determined
1974	May 13, 1974	1.50	Not determined
1975	Apr. 22, 1975	2.62	59
1976	Mar. 18, 1976	3.89	142



## 06183000 Big Muddy Creek at Plentywood, MT

Location.--Lat 48°45'55", long 104°34'22", in NW¼NW¼ sec.30, T.35 N., R.55 E., Sheridan County, at Plentywood.

Drainage area.--850 mi<sup>2</sup> (2,202 km<sup>2</sup>).

Records available.--April 1948 to September 1953 (continuous record), June 1955 to September 1967 (discontinued).

Gage.--Crest-stage gage installed June 10, 1955. Recording gage April 1948 to September 1953. Altitude of gage is 1,980 ft (604 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1948	Apr. 19, 1948	15.64	2,850
1949	Mar. 30, 1949	10.49	1,020
1950	Apr. 18, 1950	12.27	1,620
1951	May 3, 1951	11.38	1,360
1952	Apr. 8, 1952	19.00	7,240
1953	June 30, 1953	19.40	8,000
1954	--	--	Unknown
1955	--	(6)	<sup>1</sup> 210
1956	Mar. 22, 1956	<sup>2</sup> 6.63	<sup>1</sup> 300
1957	July 16, 1957	6.58	413
1958	Mar. 29, 1958	12.92	1,630
1959	June 30, 1959	10.61	945
1960	Mar. 22, 1960	<sup>2</sup> 17.37	<sup>1</sup> 3,500
1961	May 30, 1961	6.03	260
1962	Mar. 27, 1962	11.99	1,250
1963	Mar. 22, 1963	<sup>2</sup> 12.00	<sup>1</sup> 750
1964	May 3, 1964	7.14	390
1965	Apr. 16, 1965	7.98	500
1966	Mar. 14, 1966	9.58	750

## 06183100 Box Elder Creek near Plentywood, MT

Location.--Lat 48°49'30", long 104°29'50", in sec.34, T.36 N., R.55 E., Sheridan County, at culverts on county road, 4 mi (6.4 km) northeast of Plentywood.

Drainage area.--9.40 mi<sup>2</sup> (24.3 km<sup>2</sup>).

Records available.--June 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed June 10, 1955. Altitude of gage is 2,200 ft (671 m), from topographic map.

## 06183100 Box Elder Creek near Plentywood, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	March 1956	0.25	0
1957	July 23, 1957	7.24	328
1958	Mar. 30, 1958	1.88	22
1959	June 26, 1959	3.89	126
1960	Mar. 21, 1960	6.24	265
1961	July 30, 1961	1.58	41
1962	Mar. 26, 1962	2.79	65
1963	Sept. 17, 1963	4.06	103
1964	Mar. 31, 1964	5.49	217
1965	Apr. 14, 1965	2.90	72
1966	Mar. 13, 1966	2.98	75
1967	Mar. 22, 1967	<sup>2</sup> 5.82	170
1968	March 1968	<sup>2</sup> 2.13	<sup>1</sup> 35
1969	Apr. 4, 1969	<sup>2</sup> 6.24	<sup>1</sup> 180
1970	June 13, 1970	1.95	28
1971	Apr. 5, 1971	<sup>2</sup> 3.83	<sup>1</sup> 93
1972	Mar. 15, 1972	<sup>2</sup> 5.83	<sup>1</sup> 200
1973	Mar. 3, 1973	.83	3

## 06183200 Box Elder Creek at damsite, near Plentywood, MT

Location.--Lat 48°47'39", long 104°32'15", in NE¼ sec.17, T.35 N., R.55 E., Sheridan County, at old damsite, 1.5 mi (2.4 km) north of Plentywood.

Drainage area.--19.9 mi<sup>2</sup> (51.5 km<sup>2</sup>).

Records available.--1953, March 1955 to September 1963 (discontinued).

Gage.--Crest-stage gage installed June 10, 1955. Altitude of gage is 2,120 ft (646 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1953	<sup>5</sup> June 30, 1953	6.52	6,530
1955	<sup>5</sup> Mar. 29, 1955	2.42	890
1956	--	--	(3)
1957	July 23, 1957	3.56	1,600
1958	Mar. 30, 1958	.75	210
1959	June 26, 1959	1.38	430
1960	Mar. 22, 1960	2.27	820
1961	Mar. 20, 1961	1.26	395
1962	Mar. 26, 1962	1.59	530
1963	Sept. 17, 1963	.81	230

## 06183300 Spring Creek near Plentywood, MT

Location.--Lat 48°48'45", long 104°28'16", in SE¼ sec.1, T.35 N., R.55 E., Sheridan County, at culvert on county road, 5 mi (8.0 km) northeast of Plentywood.

Drainage area.--7.05 mi<sup>2</sup> (18.3 km<sup>2</sup>).

Records available.--June 1955 to current year.

Gage.--Crest-stage gage installed June 10, 1955. Altitude of gage is 2,260 ft (689 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 7, 1955	0.69	5
1956	--	--	(s)
1957	July 23, 1957	2.77	76
1958	Mar. 30, 1958	1.49	25
1959	June 26, 1959	1.30	20
1960	Mar. 21, 1960	5.19	240
1961	July 30, 1961	1.20	17
1962	Mar. 26, 1962	1.32	24
1963	Sept. 17, 1963	<sup>1</sup> 2.7	72
1964	Mar. 31, 1964	<sup>2</sup> 5.45	<sup>1</sup> 40
1965	Apr. 14, 1965	<sup>2</sup> .67	<sup>1</sup> 10
1966	Mar. 13, 1966	2.33	60
1967	April 1967	1.07	16
1968	March 1968	1.80	40
1969	Apr. 4, 1969	<sup>2</sup> 5.56	<sup>1</sup> 40
1970	June 13, 1970	1.28	23
1971	Apr. 5, 1971	1.00	11
1972	Mar. 15, 1972	<sup>2</sup> 5.12	<sup>1</sup> 60
1973	Mar. 3, 1973	.22	1
1974	May 20, 1974	2.63	70
1975	May 7, 1975	2.06	50
1976	June 11, 1976	3.34	94

## 06183400 Spring Creek at Highway 16, near Plentywood, MT

Location.--Lat 48°46'03", long 104°31'10", in SE¼ sec.21, T.35 N., R.55 E., Sheridan County, at bridge on State Highway 16, 1.5 mi (2.4 km) east of Plentywood.

Drainage area.--16.9 mi<sup>2</sup> (43.8 km<sup>2</sup>).

Records available.--June 1955 to September 1973, 1976 (discontinued).

Gage.--Crest-stage gage installed June 23, 1955. Altitude of gage is 2,040 ft (622 m), from topographic map.

06183400 Spring Creek at Highway 16, near Plentywood, MT  
(continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	--	--	(3)
1956	Apr. 3, 1956	0.74	4
1957	July 23, 1957	3.38	540
1958	Mar. 30, 1958	2.40	230
1959	June 26, 1959	3.70	660
1960	May 24, 1960	3.56	600
1961	Mar. 20, 1961	1.02	10
1962	Mar. 26, 1962	2.85	375
1963	Sept. 17, 1963	3.61	620
1964	May 3, 1964	1.24	26
1965	Apr. 15, 1965	1.18	20
1966	Mar. 13, 1966	<sup>2</sup> 2.77	<sup>1</sup> 60
1967	April 1967	1.64	80
1968	March 1968	<sup>2</sup> 2.01	<sup>1</sup> 40
1969	Apr. 4, 1969	<sup>2</sup> 3.55	<sup>1</sup> 100
1970	June 13, 1970	.81	4
1971	May 31, 1971	1.17	20
1972	Mar. 15, 1972	<sup>2</sup> 3.65	<sup>1</sup> 300
1973	June 3, 1973	.83	4
1976	June 11, 1976	3.80	690

06184200 Lost Creek tributary near Homestead, MT

Location.--Lat 48°24'09", long 104°29'49", in NW¼NW¼ sec.31, T.31 N., R.56 E., Sheridan County, at right downstream end of bridge on State Highway 16, 2.3 mi (3.7 km) southeast of Homestead, 4.6 mi (7.4 km) north of Froid.

Drainage area.--1.90 mi<sup>2</sup> (4.92 km<sup>2</sup>).

Records available.--1972, May 1974 to current year.

Gage.--Crest-stage gage installed June 11, 1974. Altitude of gage is 1,970 ft (600 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	3.48	<sup>1</sup> 50
1974	May 14, 1974	1.62	8
1975	May 7, 1975	2.27	1
1976	June 11, 1976	12.60	1,260

## 06185100 Big Muddy Creek tributary near Culbertson, MT

Location.--Lat 48°11'34", long 104°41'49", in center of east edge of sec.11, T.28 N., R.54 E., Roosevelt County, at culverts on county road, 1.9 mi (3.1 km) north of U.S. Highway 2, 10 mi (16.1 km) northeast of Brockton, and 9 mi (14.5 km) northwest of Culbertson.

Drainage area.--7.38 mi<sup>2</sup> (10.1 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,940 ft (591 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	July 10, 1963	9.6	676
1964	June 18, 1964	3.60	85
1965	June 15, 1965	1.00	20
1966	March 1966	.75	10
1967	Mar. 24, 1967	8.8	340
1968	Feb. 29, 1968	1.90	45
1969	Apr. 7, 1969	4.82	115
1970	--	--	(3)
1971	Mar. 16, 1971	2.21	22
1972	June 9, 1972	8.28	195
1973	Mar. 3, 1973	.60	10
1974	Jan. 17, 1974	.76	12
1975	Apr. 11, 1975	1.69	38
1976	June 11, 1976	8.66	317

06185200 Missouri River tributary No. 3  
near Culbertson, MT

Location.--Lat 48°06'17", long 104°30'55", in center of sec.8, T.27 N., R.56 E., Richland County, at culvert on county road along the south side of the Missouri River, 2.2 mi (3.5 km) west of State Highway 16, 3 mi (4.8 km) south of Culbertson.

Drainage area.--1.23 mi<sup>2</sup> (3.19 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,950 ft (594 m), from topographic map.



## 06185200 Missouri River tributary No. 3 near Culbertson, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	Aug. 25, 1963	3.88	142
1964	--	--	(3)
1965	--	--	1
1966	July 4, 1966	--	2,570
1967	March 1967	1.44	14
1968	Feb. 29, 1968	.87	3
1969	July 7, 1969	1.52	16
1970	Apr. 7, 1970	1.23	9
1971	June 24, 1971	2.45	47
1972	Aug. 14, 1972	1.68	20
1973	--	--	(3)
1974	Jan. 17, 1974	1.98	28
1975	July 17, 1975	1.81	23
1976	June 11, 1976	7.43	280

06185300 Missouri River tributary No. 4  
near Bainville, MT

Location.--Lat 48°08'24", long 104°20'35", in NW¼ sec.34, T.28 N., R.57 E., Roosevelt County, at culvert on U.S. Highway 2, 0.8 mi (1.3 km) east of Lannark, 8 mi (12.9 km) east of Culbertson.

Drainage area.--11.6 mi<sup>2</sup> (30.0 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 2,000 ft (610 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	July 24, 1963	2.83	323
1964	June 14, 1964	12.02	1,670
1965	Apr. 17, 1965	2.28	250
1966	July 4, 1966	5.67	739
1967	March 1967	3.95	500
1968	Feb. 29, 1968	2.16	230
1969	July 7, 1969	4.54	580
1970	Apr. 7, 1970	1.21	80
1971	June 24, 1971	2.43	270
1972	Mar. 15, 1972	4.34	550
1973	--	--	(3)
1974	Jan. 17, 1974	2.70	310
1975	Apr. 15, 1975	<sup>2</sup> 2.46	180
1976	June 11, 1976	3.57	445



## 06185400 Missouri River tributary No. 5 at Culbertson, MT

Location.--Lat 48°09'31", long 104°30'55", in SE¼ sec.20, T.28 N., R.56 E., Roosevelt County, at culvert on State Highway 16, 0.7 mi (1.1 km) north of U.S. Highway 2, at Culbertson Rodeo Grounds.

Drainage area.--3.67 mi<sup>2</sup> (9.51 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 19, 1963. Altitude of gage is 1,970 ft (600 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	July 24, 1963	6.60	495
1964	June 14, 1964	2.59	128
1965	Apr. 17, 1965	1.01	<sup>1</sup> 30
1966	July 4, 1966	2.14	95
1967	March 1967	<sup>2</sup> 2.52	<sup>1</sup> 90
1968	Feb. 29, 1968	<sup>2</sup> .98	<sup>1</sup> 10
1969	Apr. 7, 1969	1.02	30
1970	Apr. 7, 1970	1.09	33
1971	Mar. 16, 1971	2.00	85
1972	Mar. 15, 1972	2.19	100
1973	Mar. 3, 1973	.30	5
1974	Jan. 17, 1974	.65	15
1975	Apr. 22, 1975	1.66	64
1976	June 11, 1976	10.52	1,325

## 06201550 Yellowstone River tributary near Greycliff, MT

Location.--Lat 45°44'07", long 109°43'51", in SE¼ sec.23, T.1 S., R.16 E., Sweet Grass County, at culvert on Interstate Highway 90, and U.S. Highway 10, 4 mi (6.4 km) south-east of Greycliff.

Drainage area.--2.72 mi<sup>2</sup> (7.04 km<sup>2</sup>).

Records available.--May 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed May 5, 1959. Altitude of gage is 3,860 ft (1,180 m), from topographic map.

06201550 Yellowstone River tributary near Greycliff, MT  
(continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	--	--	( <sup>3</sup> )
1961	--	--	( <sup>3</sup> )
1962	Feb. 8, 1962	0.45	3
1963	June 14, 1963	.55	4
1964	--	--	( <sup>3</sup> )
1965	Aug. 22, 1965	2.31	48
1966	Mar. 10, 1966	.48	3
1967	June 14, 1967	1.52	32
1968	Feb. 19, 1968	1.22	16
1969	Mar. 17, 1969	2.51	55
1970	May 21, 1970	1.22	16
1971	Feb. 15, 1971	.80	8
1972	July 19, 1972	.98	10
1973	Apr. 20, 1973	.51	8
1974	Jan. 15, 1974	1.95	35

06201600 Bridger Creek near Greycliff, MT

Location.--Lat 45°41'30", long 109°42'55", in NW¼ sec.2,  
T.2 S., R.16 E., Sweet Grass County, at bridge on county  
road, 6 mi (9.7 km) southeast of Greycliff.

Drainage area.--61.5 mi<sup>2</sup> (159 km<sup>2</sup>).

Records available.--May 1959 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 5, 1959. Altitude of  
gage is 4,080 ft (1,240 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 1960	0.62	18
1961	March 1961	-.03	5
1962	May 26, 1962	1.36	67
1963	June 14, 1963	1.46	71
1964	June 9, 1964	--	<sup>1</sup> 80
1965	Aug. 28, 1965	1.08	58
1966	May 5, 1966	1.38	75
1967	June 14, 1967	--	2,680
1968	June 9, 1968	3.81	315
1969	June 9, 1969	5.49	844
1970	May 21, 1970	4.98	650
1971	Apr. 26, 1971	2.57	135
1972	May 24, 1972	1.92	65
1973	May 1, 1973	3.93	355
1974	Jan. 15, 1974	2.78	170
1975	May 7, 1975	6.15	1,300

## 06201650 Work Creek near Reed Point, MT

Location--Lat 45°42'12", long 109°37'28", in SE¼ sec.33, T.1 S., R.17 E., Sweet Grass County, at bridge on county road, 4 mi (6.4 km) west of Reed Point.

Drainage area--32.5 mi<sup>2</sup> (84.2 km<sup>2</sup>).

Records available--May 1959 to September 1973 (discontinued).

Gage--Crest-stage gage installed May 4, 1959. Altitude of gage is 3,820 ft (1,160 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	Sept. 21, 1959	2.3	<sup>1</sup> 100
1960	May 1960	--	<sup>1</sup> 5
1961	--	--	(3)
1962	June 13, 1962	4.08	406
1963	June 14, 1963	1.97	19
1964	--	--	(3)
1965	Apr. 2, 1965	2.05	25
1966	Mar. 10, 1966	2.48	73
1967	June 14, 1967	4.65	720
1968	June 9, 1968	3.64	320
1969	June 9, 1969	3.72	345
1970	May 21, 1970	4.56	670
1971	Feb. 15, 1971	2.54	80
1972	Feb. 28, 1972	<sup>2</sup> 2.78	<sup>1</sup> 50
1973	May 1, 1973	3.93	280

## 06201700 Hump Creek near Reed Point, MT

Location--Lat 45°42'33", long 109°35'35", in NE¼ sec.35, T.1 S., R.17 E., Sweet Grass County, at bridge on Interstate Highway 90 and U.S. Highway 10, 2 mi (3.2 km) west of Reed Point.

Drainage area--7.61 mi<sup>2</sup> (19.7 km<sup>2</sup>).

Records available--May 1959 to current year.

Gage--Crest-stage gage installed May 4, 1959. Altitude of gage is 3,780 ft (1,150 m), from topographic map.

## 06201700 Hump Creek near Reed Point, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 19, 1960	0.50	15
1961	--	--	( <sup>3</sup> )
1962	June 13, 1962	2.96	307
1963	May 12, 1963	.29	8
1964	--	( <sup>6</sup> )	<sup>1</sup> 1
1965	Apr. 2, 1965	.2	5
1966	Mar. 10, 1966	.76	30
1967	June 27, 1967	1.93	130
1968	June 9, 1968	1.62	87
1969	Mar. 17, 1969	.97	28
1970	May 21, 1970	1.16	40
1971	Feb. 15, 1971	.76	18
1972	Aug. 3, 1972	1.00	30
1973	May 1, 1973	1.52	45
1974	Jan. 15, 1974	2.77	227
1975	May 7, 1975	2.96	307
1976	May 11, 1976	2.28	123

## 06201750 Berry Creek near Columbus, MT

Location.--Lat 45°42'20", long 109°23'26", in NW¼ sec.33, T.1 S., R.19 E., Stillwater County, at bridge on county road, 8 mi (12.9 km) northwest of Columbus.

Drainage area.--23.5 mi<sup>2</sup> (60.9 km<sup>2</sup>).

Records available.--May 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 4, 1959. Altitude of gage is 3,700 ft (1,130 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	<sup>5</sup> July 7, 1958	4.54	620
1959	<sup>5</sup> Mar. 1, 1959	3.86	283
1960	June 15, 1960	.02	0
1961	May 15, 1961	.10	0
1962	July 31, 1962	6.62	<sup>1</sup> 2,000
1963	June 14, 1963	2.60	55
1964	Apr. 24, 1964	.53	.5
1965	Aug. 22, 1965	.52	.5
1966	Mar. 10, 1966	.31	0
1967	May 1967	.66	.8
1968	June 9, 1968	.83	10
1969	Mar. 17, 1969	2.80	70
1970	May 21, 1970	3.30	135
1971	Feb. 15, 1971	1.70	11
1972	Feb. 19, 1972	<sup>2</sup> 1.24	.2
1973	May 1973	.85	1.5

## 06205100 Allen Creek near Park City, MT

Location.--Lat 45°35'43", long 109°03'22", in NE¼ sec.7, T.3 S., R.22 E., Stillwater County, about 200 ft (61 m) upstream from Cove ditch flume, 7 mi (11.3 km) west of Park City.

Drainage area.--7.17 mi<sup>2</sup> (18.6 km<sup>2</sup>).

Records available.--June 1961 to current year.

Gage.--Crest-stage gage installed June 15, 1961. Altitude of gage is 3,470 ft (1,060 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	<sup>5</sup> May 24, 1961	5.68	1,580
1962	Feb. 1, 1962	1.30	120
1963	June 3, 1963	.15	10
1964	--	--	(3)
1965	Apr. 2, 1965	.35	30
1966	June 19, 1966	2.40	260
1967	June 17, 1967	2.00	196
1968	Feb. 19, 1968	1.05	90
1969	June 20, 1969	1.45	135
1970	May 21, 1970	1.24	110
1971	Feb. 28, 1971	<sup>2</sup> 1.75	<sup>1</sup> 75
1972	Feb. 19, 1972	--	5
1973	May 1, 1973	.75	60
1974	Jan. 15, 1974	1.92	190
1975	May 7, 1975	1.30	117
1976	May 14, 1976	.97	80

## 06207600 Jack Creek tributary near Belfry, MT

Location.--Lat 45°09'44", long 108°49'24", in SE¼SE¼ sec.6, T.8 S., R.24 E., Carbon County, on railroad bridge 100 ft (30.5 m) upstream from U.S. Highway 310, 9 mi (14 km) east of Belfry, 11.5 mi (18.5 km) northwest of Warren.

Drainage area.--0.85 mi<sup>2</sup> (2.20 km<sup>2</sup>).

Records available.--November 1974 to current year.

Gage.--Crest-stage gage installed Nov. 26, 1974. Altitude of gage is 4,035 ft (1,230 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1975	May 7, 1975	1.19	9
1976	Aug. 3, 1976	2.34	Not determined



## 06214150 Mills Creek at Rapelje, MT

Location.--Lat  $45^{\circ}58'03''$ , long  $109^{\circ}15'17''$ , in SE $\frac{1}{4}$ NE $\frac{1}{4}$  sec.32, T.3 N., R.20 E., Stillwater County, at culvert on Secondary Highway 306, 0.4 mi (0.6 km) south of Rapelje.

Drainage area.--3.32 mi<sup>2</sup> (8.60 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 6, 1974. Altitude of gage is 4,025 ft (1,227 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.46	31
1975	May 19, 1975	1.78	8 (corrected)
1976	Feb. 12, 1976	1.44	4

## 06216200 West Wets Creek near Billings, MT

Location.--Lat  $45^{\circ}37'38''$ , long  $108^{\circ}24'14''$ , in SW $\frac{1}{4}$  sec.28, T.2 S., R.27 E., Yellowstone County, at bridge on county road, 19 mi (30.6 km) southeast of Billings.

Drainage area.--8.80 mi<sup>2</sup> (22.8 km<sup>2</sup>).

Records available.--May 1955 to current year.

Gage.--Crest-stage gage installed May 26, 1955. Altitude of gage is 3,550 ft (1,080 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	Aug. 25, 1955	--	15
1956	Feb. 22, 1956	3.23	65
1957	June 8, 1957	1.66	105
1958	July 2, 1958	.50	40
1959	June 4, 1959	1.14	70
1960	May 2, 1960	2.50	160
1961	May 21, 1961	.40	35
1962	Mar. 9, 1962	1.92	118
1963	June 8, 1963	2.7	170
1964	Apr. 26, 1964	6.9	565
1965	June 25, 1965	2.20	135
1966	Mar. 9, 1966	4.18	292
1967	June 6, 1967	2.46	155
1968	June 9, 1968	1.43	90
1969	June 26, 1969	3.10	200
1970	June 12, 1970	2.24	140
1971	June 10, 1971	2.23	138
1972	May 21, 1972	3.52	235
1973	Apr. 25, 1973	1.90	110
1974	June 8, 1974	3.03	200
1975	June 19, 1975	2.34	100
1976	June 22, 1976	2.16	90



## 06216300 West Buckeye Creek near Billings, MT

Location.--Lat 45°39'03", long 108°23'53", in NE¼ sec.21, T.2 S., R.27 E., Yellowstone County, 2,000 ft (610 m) upstream from bridge on county road, 17 mi (27.4 km) south-east of Billings.

Drainage area.--2.64 mi<sup>2</sup> (6.84 km<sup>2</sup>).

Records available.--May 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 26, 1955. Altitude of gage is 3,500 ft (1,070 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	Aug. 25, 1955	1.54	17
1956	May 29, 1956	2.24	92
1957	May 12, 1957	1.81	185
1958	July 2, 1958	1.31	83
1959	June 4, 1959	.68	15
1960	May 2, 1960	1.16	60
1961	May 24, 1961	.80	22
1962	Mar. 9, 1962	1.03	44
1963	June 20, 1963	1.37	130
1964	Apr. 26, 1964	4.48	215
1965	Apr. 2, 1965	3.38	135
1966	Mar. 10, 1966	3.8	225
1967	June 6, 1967	2.69	149
1968	June 9, 1968	2.62	142
1969	July 18, 1969	5.05	924
1970	June 12, 1970	1.10	47
1971	June 10, 1971	2.65	142
1972	Feb. 20, 1972	1.19	47
1973	Apr. 25, 1973	1.13	38

## 06216500 Pryor Creek near Billings, MT

Location.--Lat 45°42'54", long 108°18'47", in sec.30, T.1 S., R.28 E., Yellowstone County, at bridge on Interstate Highway 90, and U.S. Highway 87, 11 mi (17.7 km) southeast of Billings.

Drainage area.--440 mi<sup>2</sup> (1,140 km<sup>2</sup>).

Records available.--September 1911 to September 1924 and March 1938 to December 1953 (continuous record), May 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 26, 1955. Wire-weight gage September 1911 to September 1924 and March 1938 to December 1953. Altitude of gage is 3,310 ft (1,010 m), by barometer.

## 06216500 Pryor Creek near Billings, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1912	July 3, 1912	11.2	930
1913	<sup>1</sup> Mar. 20, 1913	12.54	1,130
1914	June 26, 1914	9.3	<sup>4</sup> 595
1915	June 12, 1915	9.7	<sup>4</sup> 645
1916	May 22, 1916	7.01	<sup>4</sup> 333
1917	June 5, 1917	10.4	<sup>4</sup> 750
1918	Mar. 27, 1918	8.35	<sup>4</sup> 480
1919	Aug. 2, 1919	7.30	<sup>4</sup> 344
1920	May 12, 1920	10.37	<sup>4</sup> 740
1921	June 9, 1921	9.60	<sup>4</sup> 635
1922	May 11, 1922	7.65	<sup>4</sup> 400
1923	Sept. 30, 1923	9.25	<sup>4</sup> 590
1924	Apr. 4, 1924	10.04	<sup>4</sup> 705
1938	June 24, 1938	7.9	1,230
1939	June 18, 1939	3.35	<sup>4</sup> 332
1940	Apr. 16, 1940	2.83	<sup>4</sup> 208
1941	Sept. 8, 1941	4.68	<sup>4</sup> 607
1942	May 14, 1942	9.2	1,500
1943	Mar. 26, 1943	--	<sup>8</sup> 1,000
1944	June 19, 1944	7.66	<sup>4</sup> 1,150
1945	June 11, 1945	4.80	<sup>4</sup> 625
1946	June 12, 1946	3.98	<sup>4</sup> 489
1947	Mar. 19, 1947	--	<sup>8</sup> 890
1948	Apr. 20, 1948	3.95	<sup>4</sup> 464
1949	June 3, 1949	2.22	<sup>4</sup> 133
1950	Feb. 25, 1950	--	<sup>8</sup> 230
1951	Mar. 22, 1951	<sup>2</sup> 9.82	<sup>4</sup> 761
1952	May 22, 1952	4.25	<sup>4</sup> 424
1953	June 7, 1953	2.43	<sup>4</sup> 145
1955	June 16, 1955	3.44	286
1956	Feb. 22, 1956	<sup>2</sup> 9.12	<sup>1</sup> 800
1957	June 8, 1957	6.14	825
1958	Feb. 20, 1958	3.26	262
1959	Mar. 2, 1959	4.65	508
1960	May 2, 1960	9.9	1,700
1961	Sept. 20, 1961	3.44	288
1962	Mar. 9, 1962	6.20	840
1963	Apr. 28, 1963	8.40	1,330
1964	Apr. 26, 1964	15.04	3,720
1965	Apr. 2, 1965	7.09	1,040
1966	Mar. 11, 1966	8.84	1,440
1967	June 14, 1967	4.72	520
1968	June 10, 1968	8.10	1,270
1969	June 26, 1969	9.48	1,600
1970	May 30, 1970	6.61	910
1971	Feb. 14, 1971	9.39	<sup>1</sup> 750
1972	Feb. 28, 1972	<sup>2</sup> 11.64	1,600
1973	Apr. 25, 1973	7.66	1,160

## 06217300 Twelvemile Creek near Shepherd, MT

Location.--Lat 45°55'16", long 108°27'44", in NW¼SW¼ sec.14, T.2 N., R.26 E., Yellowstone County, at bridge on Highway 87, 5.6 mi (9.0 km) north of junction with old Highway 10, 6.0 mi (9.7 km) west of Shepherd.

Drainage area.--9.05 mi<sup>2</sup> (24.6 km<sup>2</sup>).

Records available.--October 1973 to current year.

Gage.--Crest-stage gage installed Oct. 29, 1973. Altitude of gage is 3,220 ft (981 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	1.89	70
1974	June 8, 1974	1.20	20
1975	Feb. 24, 1975	1.78	60
1976	May 14, 1976	1.32	25

## 06217700 Crooked Creek tributary near Shepherd, MT

Location.--Lat 46°04'23", long 108°30'09", in SW¼ sec.21, T.4 N., R.26 E., Yellowstone County, at bridge on county road, 1.7 mi (2.7 km) west of U.S. Highway 87 between Billings and Roundup, 12 mi (19.3 km) northwest of Shepherd, and 20 mi (32.2 km) north of Billings.

Drainage area.--7.21 mi<sup>2</sup> (18.7 km<sup>2</sup>).

Records available.--June 1962 to current year.

Gage.--Crest-stage gage installed Apr. 22, 1963. Altitude of gage is 3,400 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> June 4, 1962	13.68	5,120
1963	June 21, 1963	5.26	1,110
1964	June 18, 1964	1.76	<sup>1</sup> 150
1965	June 25, 1965	--	47
1966	Mar. 8, 1966	3.54	<sup>1</sup> 600
1967	June 11, 1967	7.85	1,980
1968	Sept. 22, 1968	1.46	<sup>1</sup> 150
1969	March 1969	2.20	250
1970	May 30, 1970	1.86	220
1971	Feb. 12, 1971	.88	85
1972	June 9, 1972	1.37	140
1973	Aug. 23, 1973	.82	80
1974	Aug. 20, 1974	1.49	160
1975	Feb. 24, 1975	.73	75
1976	May 14, 1976	.91	90

06217800 Yellowstone River tributary No. 2  
near Pompeys Pillar, MT

Location--Lat 46°02'31", long 107°47'47", in NW¼ sec.6, T.3 N., R.32 E., Yellowstone County, at culvert on Interstate Highway 94 and U.S. Highways 10 and 312, 0.7 mi (1.1 km) west of Spring Creek, 8 mi (12.9 km) east of Pompeys Pillar, and 13 mi (20.9 km) west of Custer.

Drainage area--0.70 mi<sup>2</sup> (1.81 km<sup>2</sup>).

Records available--May 1962 to September 1973 (discontinued).

Gage--Crest-stage gage installed Apr. 28, 1963. Altitude of gage is 2,850 ft (869 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>3</sup> May 13, 1962	<sup>1</sup> 1.5	22
1963	--	--	(3)
1964	--	--	(3)
1965	--	--	(3)
1966	Mar. 14, 1966	.20	<sup>1</sup> 2
1967	--	--	(3)
1968	--	--	.1
1969	Mar. 18, 1969	.15	<sup>1</sup> 2
1970	Apr. 28, 1970	--	.1
1971	Feb. 12, 1971	.76	11
1972	Feb. 28, 1972	.34	5
1973	Feb. 26, 1973	<sup>2</sup> .06	<sup>1</sup> .1

06290200 Little Bighorn River tributary near Wyola, MT

Location--Lat 45°08'18", long 107°23'08", in SE¼NW¼ sec.14, T.8 S., R.35 E., Big Horn County, on left bank along side of private road, 0.3 mi (0.5 km) east of U.S. Highway 87, 0.8 mi (1.3 km) northeast of Wyola.

Drainage area--4.43 mi<sup>2</sup> (11.5 km<sup>2</sup>).

Records available--October 1973 to current year.

Gage--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,680 ft (1,120 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.15	Not determined
1974	May 1974	--	1
1975	Mar. 3, 1975	<sup>2</sup> 2.64	Not determined
1976	Feb. 8, 1976	1.22	3

## 06293300 Long Otter Creek near Lodgegrass, MT

Location--Lat 45°26'15", long 107°23'42", near center of line between the NE¼ and NW¼ of SE¼ sec.28, T.4 S., R.35 E., Big Horn County, at culvert on U.S. Highway 87, 10 mi (16 km) north of Lodgegrass.

Drainage area--11.7 mi<sup>2</sup> (30.3 km<sup>2</sup>).

Records available--October 1973 to current year.

Gage--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,210 ft (978 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.81	83 (corrected)
1974	Jan. 16, 1974	1.65	18 (corrected)
1975	Apr. 4, 1975	4.60	126 (corrected)
1976	Mar. 19, 1976	1.73	17

## 06294400 Andresen Coulee near Custer, MT

Location--Lat 46°03'53", long 107°32'30", in center of W½ sec.30, T.4 N., R.34 E., Yellowstone County, at culvert on State Highway 47, 4.5 mi (7.2 km) south of Custer, and 5.3 road mi (8.5 km) south of U.S. Highways 10 and 312.

Drainage area--2.35 mi<sup>2</sup> (6.09 km<sup>2</sup>).

Records available--April 1963 to current year.

Gage--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,820 ft (860 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 4, 1963	1.57	40
1964	June 18, 1964	1.06	20
1965	Aug. 23, 1965	.87	13
1966	Mar. 9, 1966	--	<sup>1</sup> 5
1967	February 1967	.30	2
1968	June 9, 1968	.90	14
1969	Mar. 18, 1969	1.06	20
1970	Apr. 6, 1970	.05	1
1971	Feb. 12, 1971	<sup>2</sup> 1.72	<sup>1</sup> 5
1972	Feb. 28, 1972	<sup>2</sup> 1.18	9
1973	Sept. 1, 1973	.33	2
1974	Jan. 15, 1974	.33	2
1975	Jan. 15, 1975	1.01	18
1976	June 11, 1976	.88	14



## 06294600 Tullock Creek tributary near Hardin, MT

Location.--Lat 45°47'52"', long 107°15'40", in NW¼NW¼ sec.33, T.1 N., R.36 E., Big Horn County, at culvert on State Highway 384, 18 mi (30 km) northeast of Hardin.

Drainage area.--8.63 mi<sup>2</sup> (22.4 km<sup>2</sup>).

Records available.--October 1973 to current year.

Gage.--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,180 ft (969 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.12	88 (corrected)
1974	June 8, 1974	1.75	68
1975	Mar. 3, 1975	3.38	171
1976	June 11, 1976	(6)	10

## 06294800 Unknown Creek near Bighorn, MT

Location.--Lat 46°11'50", long 107°24'33", in SE¼ sec.12, T.5 N., R.34 E., Treasure County, at bridge on Interstate Highway 94 and U.S. Highways 10 and 312, 4 mi (6.4 km) east of Bighorn.

Drainage area.--14.6 mi<sup>2</sup> (37.8 km<sup>2</sup>).

Records available.--May 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,690 ft (820 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> May 13, 1962	3.98	<sup>1</sup> 800
1963	June 4, 1963	3.60	657
1964	June 18, 1964	2.73	<sup>1</sup> 370
1965	July 19, 1965	3.48	610
1966	Mar. 9, 1966	<sup>2</sup> 2.33	<sup>1</sup> 50
1967	March 1967	<sup>2</sup> 2.29	<sup>1</sup> 100
1968	June 9, 1968	1.69	157
1969	June 26, 1969	2.44	300
1970	Apr. 28, 1970	.49	20
1971	July 15, 1971	.88	55
1972	Feb. 28, 1972	<sup>2</sup> 1.12	10
1973	Feb. 28, 1973	<sup>2</sup> 1.34	<sup>1</sup> 15
1974	Jan. 20, 1974	<sup>2</sup> 1.36	<sup>1</sup> 20
1975	May 6, 1975	2.74	365
1976	June 11, 1976	3.62	670



## 06294850 Buckingham Coulee near Myers, MT

Location.--Lat 46°14'12", long 107°17'24", in SW¼ sec.25, T.6 N., R.35 E., Treasure County, at bridge on Interstate Highway 94 and U.S. Highways 10 and 312, 3 mi (4.8 km) southeast of Myers, and 5 mi (8.0 km) southwest of Hysham.

Drainage area.--2.63 mi<sup>2</sup> (6.81 km<sup>2</sup>).

Records available.--May 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,820 ft (860 m), from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1962 <sup>5</sup>	May 13, 1962	1.10	20
1963	June 4, 1963	.50	6
1964	June 18, 1964	2.20	122
1965	July 9, 1965	3.84	398
1966	Mar. 9, 1966	<sup>2</sup> 1.84	<sup>1</sup> 40
1967	June 12, 1967	.78	11
1968	June 13, 1968	1.08	20
1969	Mar. 18, 1969	1.62	50
1970	--	--	(3)
1971	July 2, 1971	1.91	84
1972	Feb. 28, 1972	.93	15
1973	--	--	(3)
1974	June 8, 1974	.84	6
1975	July 31, 1975	2.05	102
1976	June 11, 1976	1.49	38

06294900 Middle Fork Froze to Death Creek  
tributary near Ingomar, MT

Location.--Lat 46°34'52", long 107°23'59", in NE¼ sec.35, T.10 N., R.34 E., Rosebud County, at culverts on U.S. Highway 12, 1.1 mi (1.8 km) west of Ingomar.

Drainage area.--1.36 mi<sup>2</sup> (3.52 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,990 ft (911 m), from topographic map.

Annual maximum data.--

Water year	Date	Gage height (ft)	Discharge (ft <sup>3</sup> /s)
1962 <sup>5</sup>	July 16, 1962	9.08	463
1963	June 21, 1963	1.30	44
1964	June 18, 1964	1.95	65
1965	July 10, 1965	5.44	300
1966	July 15, 1966	1.55	52
1967	June 18, 1967	1.89	67
1968	June 9, 1968	1.57	54
1969	July 7, 1969	2.40	90
1970	Aug. 6, 1970	3.25	132
1971	May 31, 1971	1.23	45
1972	Aug. 14, 1972	2.81	110
1973	Apr. 20, 1973	1.72	60
1974	Jan. 15, 1974	.73	28
1975	May 6, 1975	1.31	45
1976	Apr. 6, 1976	.21	2

## 06294930 Sarpy Creek tributary near Colstrip, MT

Location.--Lat  $45^{\circ}54'54''$ , long  $107^{\circ}07'57''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.16, T.2 N., R.37 E., Treasure County, at culvert on county road, 0.1 mi (0.2 km) north of the Treasure and Big Horn county line, 25 mi (40 km) west of Colstrip.

Drainage area.--4.44 mi<sup>2</sup> (11.5 km<sup>2</sup>).

Records available.--October 1972 to current year.

Gage.--Crest-stage gage installed Oct. 30, 1973. Altitude of gage is 3,120 ft (951 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.33	194
1973	--	1.27	6
1974	--	--	(3)
1975	Jan. 20, 1975	2.91	27
1976	June 7, 1976	1.29	7

## 06294960 Anderson Creek at Vananda, MT

Location.--Lat  $46^{\circ}23'35''$ , long  $107^{\circ}00'27''$ , in SE $\frac{1}{4}$ NE $\frac{1}{4}$  sec.6, T.7 N., R.38 E., Rosebud County, at bridge on U.S. Highway 12, at Vananda.

Drainage area.--5.71 mi<sup>2</sup> (14.8 km<sup>2</sup>).

Records available.--September 1973 to current year.

Gage.--Crest-stage gage installed Sept. 4, 1973. Altitude of gage is 2,690 ft (820 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.44	Not determined
1974	June 21, 1974	1.83	Not determined
1975	July 31, 1975	4.13	Not determined
1976	Feb. 24, 1976	1.78	Not determined

## 06294985 East Fork Armells Creek tributary near Colstrip, MT

Location.--Lat  $46^{\circ}04'01''$ , long  $106^{\circ}42'39''$ , in SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec.26, T.4 N., R.40 E., Rosebud County, on bridge on State Highway 315, 13 mi (21 km) north of Colstrip.

Drainage area.--1.87 mi<sup>2</sup> (4.84 km<sup>2</sup>).

Records available.--October 1973 to current year.

Gage.--Crest-stage gage installed Oct. 31, 1973. Altitude of gage is 2,860 ft (872 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.15	Not determined
1974	July 3, 1974	2.48	5
1975	Jan. 21, 1975	2.72	50
1976	July 2, 1976	2.45	Not determined

## 06295020 Short Creek near Forsyth, MT

Location.--Lat  $46^{\circ}17'44''$ , long  $106^{\circ}40'05''$ , in NW $\frac{1}{4}$  sec.12, T.6 N., R.40 E., Rosebud County, at bridge on county road, 2.4 mi (3.9 km) northeast of U.S. Highway 12, and 2 mi (3.2 km) north of Forsyth.

Drainage area.--3.23 mi<sup>2</sup> (8.37 km<sup>2</sup>).

Records available.--June 1962 to current year.

Gage.--Crest-stage gage installed Apr. 27, 1963. Altitude of gage is 2,550 ft (777 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> June 15, 1962	4.84	406
1963	June 19, 1963	1.30	20
1964	Aug. 29, 1964	1.67	35
1965	July 12, 1965	6.64	938
1966	June 4, 1966	6.20	790
1967	March 1967	2.71	105
1968	March 1968	<sup>2</sup> 4.23	<sup>1</sup> 100
1969	Mar. 18, 1969	<sup>2</sup> 3.50	<sup>1</sup> 100
1970	June 12, 1970	1.85	45
1971	Aug. 30, 1971	6.55	910
1972	Oct. 18, 1971	2.10	60
1973	June 18, 1973	5.26	500
1974	Jan. 15, 1974	3.72	210
1975	June 19, 1975	5.20	490
1976	Apr. 5, 1976	.82	1

## 06295050 Little Porcupine Creek near Forsyth, MT

Location.--Lat  $46^{\circ}18'15''$ , long  $106^{\circ}34'28''$ , in NE $\frac{1}{4}$  sec.3, T.6 N., R.41 E., Rosebud County, at bridge on county road, 6 mi (9.7 km) northeast of Forsyth.

Drainage area.--614 mi<sup>2</sup> (1,590 km<sup>2</sup>).

Records available.--May 1958 to September 1973, 1975 (discontinued).

Gage.--Crest-stage gage installed May 9, 1958. Altitude of gage is 2,480 ft (756 m), from topographic map.

## 06295050 Little Porcupine Creek near Forsyth, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	June 3, 1958	4.9	1,480
1959	Mar. 20, 1959	7.08	2,650
1960	Mar. 20, 1960	7.17	2,700
1961	Sept. 20, 1961	8.14	3,320
1962	June 15, 1962	4.53	1,310
1963	June 3, 1963	5.98	2,030
1964	Apr. 27, 1964	2.75	680
1965	Apr. 1, 1965	9.00	3,750
1966	July 2, 1966	4.57	1,350
1967	June 12, 1967	5.16	1,600
1968	Feb. 29, 1968	4.03	1,100
1969	Mar. 21, 1969	<sup>2</sup> 7.66	<sup>1</sup> 1,000
1970	June 12, 1970	(6)	<sup>1</sup> 500
1971	Apr. 10, 1971	2.45	580
1972	Mar. 16, 1972	11.7	9,350
1973	Apr. 20, 1973	2.13	500
1975	July 31, 1975	6.87	2,550

## 06295100 Rosebud Creek near Kirby, MT

Location.--Lat 45°14'01", long 106°57'23", in NE¼ sec.16, T.7 S., R.39 E., Big Horn County, at culvert on private road, 7 mi (11.3 km) south of Kirby.

Drainage area.--34.2 mi<sup>2</sup> (88.6 km<sup>2</sup>).

Records available.--April 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 4,180 ft (1,270 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 19, 1960	1.78	55
1961	--	--	(3)
1962	June 16, 1962	1.45	44
1963	Apr. 28, 1963	2.67	85
1964	Apr. 26, 1964	2.24	60
1965	Apr. 1, 1965	<sup>2</sup> 4.78	<sup>1</sup> 250
1966	June 22, 1966	2.50	78
1967	June 12, 1967	5.20	287
1968	June 9, 1968	5.72	540
1969	June 26, 1969	4.72	195
1970	May 7, 1970	5.00	240
1971	Apr. 25, 1971	4.51	165
1972	Mar. 10, 1972	<sup>2</sup> 2.29	55
1973	Apr. 20, 1973	2.20	66
1974	June 7, 1974	.95	24

## 06295130 Rosebud Creek tributary near Busby, MT

Location.--Lat  $45^{\circ}35'00''$ , long  $106^{\circ}51'32''$ , in NE $\frac{1}{4}$  sec.13, T.3 S., R.39 E., Big Horn County, at bridge on U.S. Highway 212, 1.1 mi (1.8 km) east of Two Moon Creek, 6 mi (9.7 km) northeast of Busby.

Drainage area.--1.14 mi<sup>2</sup> (2.95 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 23, 1963. Altitude of gage is 3,310 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	(3)
1964	June 18, 1964	1.31	10
1965	Aug. 21, 1965	1.23	8
1966	Mar. 11, 1966	<sup>2</sup> .81	<sup>1</sup> 1
1967	March 1967	.99	6
1968	February 1968	<sup>2</sup> 1.17	<sup>1</sup> 3
1969	Mar. 19, 1969	<sup>2</sup> 1.61	9
1970	July 22, 1970	.66	3
1971	Apr. 25, 1971	1.16	8
1972	May 19, 1972	1.01	6
1973	--	--	(3)
1974	Apr. 7, 1974	.66	4
1975	Mar. 3, 1975	1.56	11
1976	Feb. 24, 1976	.74	4

## 06295200 Whitedirt Creek near Lame Deer, MT

Location.--Lat  $45^{\circ}36'29''$ , long  $106^{\circ}45'02''$ , in NE $\frac{1}{4}$  sec.2, T.3 S., R.40 E., Big Horn County, at bridge on county road, 4.5 mi (7.2 km) west of Lame Deer.

Drainage area.--1.58 mi<sup>2</sup> (4.09 km<sup>2</sup>).

Records available.--April 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 3,290 ft (1,000 m), from topographic map.



## 06295200 Whitedirt Creek near Lame Deer, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	March 1959	--	<sup>1</sup> 5
1960	Mar. 20, 1960	0.59	3
1961	Sept. 10, 1961	.32	2
1962	February 1962	.53	3
1963	June 3, 1963	1.38	31
1964	June 8, 1964	1.43	33
1965	July 1, 1965	.86	8
1966	Sept. 12, 1966	1.37	30
1967	June 12, 1967	1.3	19
1968	June 13, 1968	1.68	45
1969	Mar. 19, 1969	<sup>2</sup> 1.36	<sup>1</sup> 4
1970	June 12, 1970	.50	1
1971	Mar. 25, 1971	1.24	23
1972	Mar. 15, 1972	1.14	18
1973	--	--	(3)

## 06296000 Rosebud Creek near Forsyth, MT

Location--Lat 46°11'50", long 106°28'25", in SW¼ sec. 9, T.5 N., R.42 E., Rosebud County, 10 mi (16.1 km) southeast of Forsyth.

Drainage area--1,279 mi<sup>2</sup> (3,313 km<sup>2</sup>).

Records available--May 1947 to December 1953 (continuous record), July 1955 to September 1967, 1969 (discontinued).

Gage--Water-stage recorder re-installed July 15, 1955. Altitude of gage is 2,540 ft (774 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1948	July 21, 1948	8.41	382
1949	Mar. 8, 1949	8.96	418
1950	June 9, 1950	7.90	250
1951	Sept. 1, 1951	8.42	280
1952	Mar. 29, 1952	7.81	269
1953	May 30, 1953	10.27	<sup>4</sup> 596
1954	--	--	Unknown
1955	--	--	50
1956	March 1956	8.78	<sup>1</sup> 350
1957	June 17, 1957	8.78	342
1958	March 1958	--	Not determined
1959	Mar. 3, 1959	--	<sup>1</sup> 570
1960	March 1960	--	Unknown
1961	Sept. 10, 1961	9.58	435
1962	June 7, 1962	9.16	378
1963	June 16, 1963	6.58	182
1964	June 19, 1964	9.49	420
1965	Apr. 1, 1965	10.42	<sup>1</sup> 600
1966	June 4, 1966	7.07	215
1967	June 19, 1967	7.79	265
1969	Mar. 19, 1969	11.66	<sup>1</sup> 3,000



## 06296100 Snell Creek near Hathaway, MT

Location.--Lat  $46^{\circ}17'39''$ , long  $106^{\circ}08'52''$ , in NW $\frac{1}{4}$  sec.7, T.6 N., R.45 E., Custer County, at bridge on old U.S. Highways 10 and 12, 2.5 mi (4.0 km) northeast of Hathaway, and 3 mi (4.8 km) southwest of Cottonwood Creek.

Drainage area.--10.5 mi<sup>2</sup> (27.2 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 2,550 ft (777 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 3, 1963	1.69	<sup>1</sup> 170
1964	Aug. 29, 1964	.30	1
1965	June 14, 1965	2.20	<sup>1</sup> 340
1966	June 4, 1966	2.35	<sup>1</sup> 380
1967	June 7, 1967	1.3	85
1968	Feb. 26, 1968	1.05	45
1969	Mar. 18, 1969	2.33	375
1970	July 14, 1970	1.37	96
1971	Mar. 25, 1971	<sup>2</sup> 1.95	<sup>1</sup> 70
1972	Mar. 14, 1972	<sup>2</sup> 1.17	32
1973	Apr. 20, 1973	1.47	95
1974	June 7, 1974	1.35	75
1975	May 5, 1975	1.54	77
1976	June 7, 1976	2.49	410

## 06296115 Reservation Creek near Miles City, MT

Location.--Lat  $46^{\circ}22'38''$ , long  $105^{\circ}58'21''$ , in SE $\frac{1}{4}$ NE $\frac{1}{4}$  sec.9, T.7 N., R.46 E., Custer County, at bridge on county road, No. 446, 6.5 mi (10.5 km) southwest of Miles City.

Drainage area.--6.29 mi<sup>2</sup> (16.3 km<sup>2</sup>).

Records available.--August 1973 to current year.

Gage.--Crest-stage gages installed Aug. 24, 1973. Altitude of gage is 2,440 ft (744 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	10.57	1,340
1974	May 28, 1974	1.19	55
1975	May 6, 1975	6.40	560
1976	July 8, 1976	4.12	250

## 06306900 Spring Creek near Decker, MT

Location.--Lat  $45^{\circ}05'09''$ , long  $106^{\circ}50'12''$ , in SE $\frac{1}{4}$  sec.33, T.8 S., R.40 E., Big Horn County, at bridge on county road, 5 mi (8.0 km) north of Decker.

Drainage area.--34.7 mi<sup>2</sup> (89.9 km<sup>2</sup>).

Records available.--May 1958 to current year.

Gage.--Crest-stage gage installed May 9, 1958. Altitude of gage is 3,500 ft (1,070 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	June 7, 1958	3.4	184
1959	Mar. 17, 1959	1.19	45
1960	Mar. 19, 1960	1.31	49
1961	--	--	( <sup>3</sup> )
1962	June 16, 1962	6.59	<sup>1</sup> 900
1963	June 15, 1963	1.07	40
1964	Apr. 22, 1964	.05	15
1965	Aug. 21, 1965	2.61	362
1966	Sept. 26, 1966	.11	<sup>1</sup> 15
1967	June 12, 1967	2.81	390
1968	June 9, 1968	.72	130
1969	Mar. 18, 1969	1.82	250
1970	May 14, 1970	1.35	195
1971	Feb. 14, 1971	6.50	1,400
1972	Feb. 28, 1972	2.90	420
1973	Sept. 1, 1973	.26	<sup>1</sup> 20
1974	Mar. 28, 1974	1.31	40
1975	Mar. 3, 1975	3.89	355 (corrected)
1976	Feb. 22, 1976	.34	20

## 06306950 Leaf Rock Creek near Kirby, MT

Location.--Lat  $45^{\circ}11'16''$ , long  $106^{\circ}54'50''$ , in center of sec.35, T.7 S., R.39 E., Big Horn County, at culvert on county road, 10 mi (16.1 km) south of Kirby.

Drainage area.--6.14 mi<sup>2</sup> (15.9 km<sup>2</sup>).

Records available.--April 1959 to current year.

Gage.--Crest-stage gage installed Apr. 15, 1959. Altitude of gage is 3,950 ft (1,200 m), from topographic map.

## 06306950 Leaf Rock Creek near Kirby, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	<sup>5</sup> June 7, 1958	6.77	222
1959	--	--	Unknown
1960	Mar. 19, 1960	5.03	168
1961	--	--	(3)
1962	June 16, 1962	6.37	216
1963	June 15, 1963	6.77	222
1964	Apr. 6, 1964	1.17	30
1965	Apr. 1, 1965	1.62	45
1966	July 12, 1966	3.42	123
1967	June 7, 1967	.55	13
1968	March 1968	--	<sup>1</sup> .5
1969	July 15, 1969	5.53	182
1970	May 4, 1970	1.11	28
1971	Feb. 14, 1971	1.49	40
1972	Feb. 28, 1972	--	<sup>1</sup> 40
1973	Mar. 1, 1973	<sup>2</sup> .65	<sup>1</sup> .5
1974	Jan. 15, 1974	--	<sup>1</sup> 2
1975	Mar. 19, 1975	2.03	58
1976	--	--	(3)

## 06307520 Canyon Creek near Birney, MT

Location.--Lat 45°14'28", long 106°40'32", in SW<sup>1</sup>/<sub>4</sub> sec.11, T.7 S., R.41 E., Rosebud County, on county bridge, 11 mi (18 km) southwest of Birney.

Drainage area.--50.2 mi<sup>2</sup> (130 km<sup>2</sup>).

Records available.--1972, April 1973 to current year.

Gage.--Crest-stage gage installed Apr. 14, 1973. Altitude of gage is 3,230 ft (985 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	1.05	41
1973	--	-.34	4
1974	Feb. 16, 1974	.25	11
1975	June 18, 1975	1.76	100
1976	June 14, 1976	2.28	182

## 06307620 Tie Creek near Birney, MT

Location--Lat 45°28'21", long 106°31'33", in SW¼SE¼ sec.22, T.4 S., R.42 E., Rosebud County, at bridge on State Highway 315, and 11 mi (18 km) north of Birney.

Drainage area--18.7 mi<sup>2</sup> (48.4 km<sup>2</sup>).

Records available--October 1973 to current year.

Gage--Crest-stage gage installed Oct. 31, 1973. Altitude of gage is 3,470 ft (1,060 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	--	(3)
1974	Feb. 16, 1974	1.53	Not determined
1975	Mar. 3, 1975	2.36	9
1976	Mar. 11, 1976	1.29	5

## 06307640 Spring Creek near Ashland, MT

Location--Lat 45°33'06", long 106°17'07", in NW¼ sec.27, T.3 S., R.44 E., Rosebud County, at culvert on county road, along east side of Tongue River, 3.3 road mi (5.3 km) south of U.S. Highway 212, 3 mi (4.8 km) south of Ashland.

Drainage area--1.56 mi<sup>2</sup> (4.04 km<sup>2</sup>).

Records available--June 1962 to September 1976 (discontinued).

Gage--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 2,980 ft (908 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	June 16, 1962	4.12	110
1963	July 5, 1963	6.90	148
1964	June 18, 1964	<sup>2</sup> 1.60	<sup>1</sup> 30
1965	July 12, 1965	6.8	215
1966	June 22, 1966	2.98	80
1967	June 12, 1967	3.34	94
1968	June 9, 1968	2.58	64
1969	June 19, 1969	14.52	2,080
1970	June 12, 1970	6.06	138
1971	Aug. 30, 1971	4.53	117
1972	June 25, 1972	8.18	135
1973	July 23, 1973	--	140
1974	July 2, 1974	--	116
1975	July 18, 1975	3.39	95
1976	June 23, 1976	10.31	164

## 06307660 Walking Horse Creek near Ashland, MT

Location.--Lat 45°36'23", long 106°17'14", in NW¼ sec.3, T.3 S., R.44 E., Rosebud County, at culvert on county road along west side of Tongue River, 1.3 mi (2.1 km) north of U.S. Highway 212, and 1.5 mi (2.4 km) northwest of Ashland.

Drainage area.--3.33 mi<sup>2</sup> (8.62 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 2,950 ft (899 m), from topographic map.

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	(3)
1964	--	--	(3)
1965	July 1, 1965	0.50	5
1966	--	--	(3)
1967	June 12, 1967	.28	1
1968	February 1968	1.75	58
1969	Mar. 19, 1969	1.52	140
1970	--	--	(3)
1971	Feb. 14, 1971	1.20	24
1972	Feb. 28, 1972	1.13	20
1973	--	--	(3)
1974	July 2, 1974	.53	2
1975	Mar. 3, 1975	1.55	46
1976	Sept.15, 1976	.31	1

06307700 Cow Creek near Fort Howes  
ranger station, near Otter, MT

Location.--Lat 45°17'20", long 106°09'14", in SW¼NW¼ sec.30, T.6 S., R.46 E., Powder River County, at bridge on county road, 0.8 mi (1.3 km) south of Fort Howes ranger station, and 6.6 mi (10.6 km) north of Otter Creek Post Office.

Drainage area.--8.37 mi<sup>2</sup> (21.7 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed August 21, 1973. Altitude of gage is 3,290 ft (1,003 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	2.39	43
1973	--	1.43	2
1974	July 3, 1974	1.78	20
1975	Apr. 14, 1975	2.00	16
1976	June 23, 1976	1.54	6

## 06307720 Brian Creek near Ashland, MT

Location.--Lat 45°24'37", long 106°09'07", in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.11, T.5 S., R.45 E., Powder River County, at culvert on county road, 8.1 mi (13.0 km) north of Fort Howes ranger station, and 13.5 mi (22 km) south of Ashland.

Drainage area.--8.03 mi<sup>2</sup> (20.8 km<sup>2</sup>).

Records available.--August 1973 to current year.

Gage.--Crest-stage gage installed August 20, 1973. Altitude of gage is 3,140 ft (957 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	--	(3)
1974	--	--	(3)
1975	Mar. 1, 1975	3.75	93 (corrected)
1976	Sept.15, 1976	(6)	1

## 06307760 Stebbins Creek near Ashland, MT

Location.--Lat 45°37'10", long 106°24'35", in center of sec.34, T.2 S., R.43 E., Rosebud County, at culvert on U.S. Highway 212, 7.5 road mi (12.1 km) west of Ashland.

Drainage area.--5.41 mi<sup>2</sup> (14.0 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 23, 1963. Altitude of gage is 3,400 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	Apr. 4, 1963	0.1	<sup>1</sup> 0.5
1964	Apr. 6, 1964	.20	1
1965	Aug. 23, 1965	1.59	16
1966	Mar. 11, 1966	<sup>2</sup> 1.85	<sup>1</sup> 2
1967	May 1967	--	<sup>1</sup> 1
1968	Aug. 23, 1968	2.18	39
1969	Mar. 19, 1969	<sup>2</sup> 1.90	25
1970	June 12, 1970	.56	<sup>1</sup> 2
1971	Feb. 14, 1971	<sup>2</sup> 2.40	<sup>1</sup> 10
1972	Feb. 28, 1972	--	3
1973	Sept. 7, 1973	--	.5
1974	Jan. 15, 1974	.61	2
1975	Jan. 20, 1975	.35	1
1976	Apr. 15, 1976	(6)	1



## 06307780 Stebbins Creek at mouth, near Ashland, MT

Location.--Lat 45°38'27", long 106°17'34", in NW¼ sec.27, T.2 S., R.44 E., Rosebud County, at bridge on county road along west side of Tongue River, 3.6 road mi (5.8 km) north of U.S. Highway 212, 3.5 mi (5.6 km) northwest of Ashland.

Drainage area.--19.9 mi<sup>2</sup> (51.5 km<sup>2</sup>).

Records available.--April 1963 to current year.

Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 2,950 ft (899 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 15, 1963	2.44	75
1964	June 18, 1964	3.40	210
1965	Aug. 23, 1965	3.56	248
1966	Mar. 12, 1966	<sup>2</sup> 1.85	<sup>1</sup> 15
1967	July 7, 1967	2.44	75
1968	Aug. 23, 1968	2.80	110
1969	Mar. 19, 1969	4.45	570
1970	May 8, 1970	2.20	50
1971	Feb. 17, 1971	1.94	30
1972	Aug. 2, 1972	4.76	508
1973	Apr. 2, 1973	1.37	5
1974	Feb. 16, 1974	1.39	7
1975	Jan. 20, 1975	3.37	210
1976	Sept. 7, 1976	1.64	18

## 06307930 Jack Creek near Volborg, MT

Location.--Lat 46°04'55", long 105°51'08", in NE¼NW¼ sec.26, T.4 N., R.47 E., Custer County, at bridge on State Highway 332, 19 mi (31 km) northwest of Volborg.

Drainage area.--5.47 mi<sup>2</sup> (14.2 km<sup>2</sup>).

Records available.--October 1973 to current year.

Gage.--Crest-stage gage installed Oct. 31, 1973. Altitude of gage is 2,630 ft (802 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.83	225
1974	June 21, 1974	2.60	Not determined
1975	May 5, 1975	4.56	271
1976	June 15, 1976	2.82	225

## 06308100 Sixmile Creek tributary near Epsie, MT

Location.--Lat 45°31'27", long 105°45'10", in SW¼SW¼ sec.36, T.3 S., R.48 E., Powder River County, at culvert on U.S. Highway 212, and 5.2 mi (8.4 km) northwest of Epsie.

Drainage area.--0.24 mi<sup>2</sup> (0.62 km<sup>2</sup>).

Records available.--August 1973 to current year. Highwater mark at undetermined date prior to installation of gage.

Gage.--Crest-stage gage installed Aug. 21, 1973. Altitude of gage is 3,480 ft (1,061 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	7.82	Not determined
1973	--	3.18	74
1974	Apr. 20, 1974	3.13	70
1975	Mar. 3, 1975	2.50	Not determined
1976	Jan. 18, 1976	2.05	2

## 06308200 Basin Creek tributary near Volborg, MT

Location.--Lat 45 53'11", long 105 41'12", in NW° sec.31, T.2 N., R.49 E., Custer County, at culvert on county road, 3.5 mi (5.6 km) north of Volborg.

Drainage area.--0.14 sq mi (0.36 sq km).

Records available.--July 1955 to current year.

Gage.--Crest-stage gage installed July 23, 1955. Altitude of gage is 2,900 ft (884 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 29, 1955	0.24	20
1956	--	--	(3)
1957	--	--	(3)
1958	July 2, 1958	6.96	390
1959	March 1959	--	12
1960	Mar. 21, 1960	.97	12
1961	--	--	(8)
1962	June 17, 1962	2.76	36
1963	June 22, 1963	9.38	94
1964	June 18, 1964	1.07	14
1965	Apr. 1, 1965	1.41	18
1966	July 29, 1966	3.11	41
1967	June 14, 1967	8.10	85
1968	June 20, 1968	1.93	24
1969	May 21, 1969	1.06	13
1970	March 1970	1.15	14
1971	June 16, 1971	2.37	29
1972	Mar. 6, 1972	<sup>2</sup> 5.79	<sup>1</sup> 5
1973	--	--	(3)
1974	--	--	(3)
1975	May 5, 1975	.83	10
1976	Feb. 1, 1976	1.13	14

## 06308300 Basin Creek near Volborg, MT

Location--Lat 45°53'11", long 105°39'58", in NW¼ sec.32, T.2 N., R.49 E., Custer County, at bridge on U.S. Highway 212, 4 mi (6.4 km) north of Volborg.

Drainage area--10.9 mi<sup>2</sup> (28.2 km<sup>2</sup>).

Records available--July 1955 to September 1973 (discontinued).

Gage--Crest-stage gage installed July 23, 1955. Altitude of gage is 2,850 ft (869 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 29, 1955	1.1	20
1956	Aug. 27, 1956	5.76	953
1957	Apr. 24, 1957	3.45	300
1958	July 2, 1958	5.79	965
1959	Mar. 11, 1959	1.87	75
1960	Mar. 21, 1960	5.26	770
1961	Sept. 10, 1961	1.04	18
1962	Feb. 11, 1962	3.18	250
1963	June 22, 1963	5.69	920
1964	June 18, 1964	2.48	145
1965	Apr. 1, 1965	3.93	400
1966	July 29, 1966	2.32	125
1967	June 14, 1967	<sup>10</sup> 6.06	<sup>1</sup> 200
1968	June 20, 1968	2.28	120
1969	May 21, 1969	2.03	90
1970	June 13, 1970	1.60	20
1971	June 16, 1971	5.86	990
1972	Mar. 6, 1972	<sup>10</sup> 4.17	<sup>1</sup> 60
1973	June 18, 1973	1.66	30

## 06308330 Deer Creek tributary near Volborg, MT

Location--Lat 46°02'04", long 105°31'15", in extreme southwest corner of sec.4, T.3 N., R.50 E., Custer County, at culvert on county road, 3 mi (5 km) east of U.S. Highway 312, and 16 mi (26 km) northeast of Volborg.

Drainage area--1.65 mi<sup>2</sup> (4.27 km<sup>2</sup>).

Records available--November 1973 to current year.

Gage--Crest-stage gage installed Nov. 1, 1973. Altitude of gage is 2,780 ft (847 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	11.55	1,170
1974	May 30, 1974	2.90	32
1975	May 5, 1975	5.15	111
1976	June 7, 1976	4.80	96

## 06308340 LaGrange Creek near Volborg, MT

Location--Lat 46°06'17", long 105°33'20", in NE¼NW¼ sec.18, T.4 N., R.50 E., Custer County, at culvert near mile post 27 on U.S. Highway 312, and 19 mi (31 km) north of Volborg.

Drainage area--3.66 mi<sup>2</sup> (9.48 km<sup>2</sup>).

Records available--August 1973 to current year.

Gage--Crest-stage gages installed Aug. 23, 1973. Altitude of gages are 2,660 ft (811 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	Sept. 3, 1973	3.40	79
1974	May 6, 1974	2.33	37
1975	May 6, 1975	7.62	378 (corrected)
1976	May 5, 1976	2.15	28

## 06309020 Rock Springs Creek tributary at Rock Springs, MT

Location--Lat 46°49'07", long 106°14'56", in SE¼ sec.1, T.12 N., R.43 E., Rosebud County, at culvert on State Highway 22, 0.4 mi (0.6 km) northwest of Rock Springs.

Drainage area--0.96 mi<sup>2</sup> (2.49 km<sup>2</sup>).

Records available--May 1963 to current year.

Gage--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,970 ft (905 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	--	--	( <sup>3</sup> )
1964	June 18, 1964	0.38	3
1965	July 11, 1965	1.76	23
1966	Mar. 13, 1966	2.74	38
1967	Mar. 23, 1967	<sup>2</sup> 1.76	<sup>1</sup> 5
1968	March 1968	<sup>2</sup> .41	<sup>1</sup> 3
1969	Mar. 19, 1969	<sup>2</sup> 3.81	<sup>1</sup> 9
1970	Apr. 6, 1970	<sup>2</sup> 1.04	<sup>1</sup> 9
1971	Mar. 31, 1971	<sup>2</sup> 2.37	<sup>1</sup> 10
1972	Mar. 13, 1972	2.84	39
1973	Feb. 28, 1973	.54	4
1974	Mar. 2, 1974	.50	4
1975	July 17, 1975	2.79	39
1976	June 14, 1976	1.73	23

## 06309040 Dry House Creek near Angela, MT

Location.--Lat  $46^{\circ}41'14''$ , long  $106^{\circ}10'28''$ , in SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec.22, T.11 N., R.44 E., Rosebud County, near bridge on State Highway 22, 3.2 mi (5.1 km) south of Angela.

Drainage area.--38.6 mi<sup>2</sup> (100 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,760 ft (841 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	June 4, 1963	3.60	380
1964	June 18, 1964	3.18	280
1965	Apr. 1, 1965	4.13	500
1966	Mar. 19, 1966	<sup>2</sup> 2.08	<sup>1</sup> 10
1967	June 13, 1967	6.65	<sup>1</sup> 500
1968	March 1968	<sup>2</sup> 2.19	<sup>1</sup> 15
1969	Apr. 26, 1969	<sup>2</sup> 2.27	<sup>1</sup> 100
1970	June 12, 1970	1.77	70
1971	Mar. 31, 1971	4.18	530
1972	Mar. 14, 1972	5.40	580
1973	July 22, 1973	3.38	85
1974	May 20, 1974	1.72	22
1975	May 5, 1975	4.85	375
1976	June 15, 1976	2.08	35

06309060 North Sunday Creek  
tributary No. 2 near Angela, MT

Location.--Lat  $46^{\circ}34'00''$ , long  $106^{\circ}03'51''$ , in NE $\frac{1}{4}$  sec.4, T.9 N., R.45 E., Custer County, at culvert on State Highway 22, 14.1 road mi (22.7 km) northwest of Yellowstone River bridge at Miles City, 15 mi (24.1 km) northwest of Miles City, and 13 mi (20.9 km) southeast of Angela.

Drainage area.--0.34 mi<sup>2</sup> (0.88 km<sup>2</sup>).

Records available.--June 1962 to current year.

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,680 ft (817 m), from topographic map.



06309060 North Sunday Creek tributary No. 2 near Angela, MT  
(continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> June 1, 1962	2.42	45
1963	June 3, 1963	5.20	158
1964	June 18, 1964	1.47	19
1965	July 11, 1965	4.89	144
1966	Mar. 19, 1966	4.56	130
1967	June 13, 1967	2.77	56
1968	June 9, 1968	1.76	26
1969	July 7, 1969	7.94	320
1970	July 17, 1970	1.75	26
1971	Mar. 31, 1971	2.00	32
1972	Mar. 15, 1972	<sup>2</sup> 5.17	29
1973	Apr. 20, 1973	1.48	20
1974	May 20, 1974	2.96	60
1975	Aug. 14, 1975	3.31	74
1976	July 10, 1976	1.93	30

06309078 Tree Coulee near Kinsey, MT

Location.--Lat 46°33'17", long 105°47'48", in NE¼NW¼ sec.10, T.9 N., R.47 E., Custer County, at culvert on county road, 5.3 mi (8.5 km) north of road to Kinsey, 6.5 mi (10.5 km) west of Kinsey, and 10.9 mi (18 km) northeast of State Highway at Miles City.

Drainage area.--4.13 mi<sup>2</sup> (10.7 km<sup>2</sup>).

Records available.--1972, August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 16, 1974. Altitude of gage is 2,425 ft (739 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	8.73	1,630
1974	--	2.29	12
1975	May 6, 1975	8.27	1,040
1976	June 14, 1976	6.85	300

06309080 Deep Creek near Kinsey, MT

Location.--Lat 46°33'25", long 105°37'12", in SE¼SE¼ sec.1 T.9 N., R.48 E., Custer County, at culvert on Interstate Highway 94 and U.S. Highway 10, 3.1 mi (5.0 km) southwest of Shirley railroad station, 2 mi (3.2 km) southeast of Kinsey, and 13 mi (20.9 km) northeast of Miles City.

Drainage area.--11.5 mi<sup>2</sup> (29.8 km<sup>2</sup>).

Records available.--July 1962 to current year.

Gage.--Crest-stage gage installed May 16, 1963. Altitude of gage is 2,320 ft (707 m), from topographic map.



## 06309080 Deep Creek near Kinsey, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>s</sup> July 14, 1962	7.80	828
1963	June 5, 1963	16.77	2,420
1964	Aug. 29, 1964	13.83	1,830
1965	July 11, 1965	10.79	1,300
1966	June 3, 1966	3.61	260
1967	June 12, 1967	3.93	300
1968	June 9, 1968	6.90	700
1969	Apr. 26, 1969	5.91	550
1970	July 14, 1970	5.89	550
1971	June 9, 1971	3.02	200
1972	June 9, 1972	16.78	2,430
1973	Apr. 20, 1973	10.70	1,300
1974	May 29, 1974	3.58	250
1975	May 5, 1975	7.45	760
1976	July 8, 1976	3.68	250

## 06309090 Ash Creek near Locate, MT

Location.--Lat 46°21'57", long 105°29'48", in center of N $\frac{1}{2}$  sec.17, T.7 N., R.50 E., Custer County, at wooden culvert on State Highway 333 between U.S. Highway 12 and Mizpah, 3.2 road mi (5.1 km) southeast of U.S. Highway 12, and 10 mi (16.1 km) southwest of Locate.

Drainage area.--6.23 mi<sup>2</sup> (16.1 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 24, 1963. Altitude of gage is 3,040 ft (927 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>s</sup> July 14, 1962	8.6	1,400
1963	June 21, 1963	.31	1
1964	Aug. 29, 1964	1.60	18
1965	Apr. 1, 1965	2.96	60
1966	Mar. 14, 1966	.80	5
1967	June 12, 1967	1.77	19
1968	May 13, 1968	3.63	90
1969	Mar. 27, 1969	1.04	<sup>1</sup> 7
1970	May 8, 1970	1.84	20
1971	Mar. 31, 1971	3.22	70
1972	June 9, 1972	2.52	40
1973	Mar. 13, 1973	.76	3
1974	June 21, 1974	1.06	10
1975	May 5, 1975	1.53	18
1976	Feb. 23, 1976	<sup>2</sup> 2.43	<sup>1</sup> 5

## 06324700 Sand Creek near Broadus, MT

Location.--Lat 45°25'48", long 105°26'28", in SE¼ sec.5, T.5 S., R.51 E., Powder River County, at culverts on Moorhead road, 1.8 mi (2.9 km) southwest of Broadus.

Drainage area.--10.6 mi<sup>2</sup> (27.5 km<sup>2</sup>).

Records available.--July 1955 to current year.

Gage.--Crest-stage gage installed July 22, 1955. Altitude of gage is 3,090 ft (942 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	--	--	(3)
1956	Mar. 16, 1956	1.75	19
1957	Aug. 28, 1957	1.55	15
1958	June 7, 1958	3.95	93
1959	Mar. 18, 1959	4.78	252
1960	Mar. 20, 1960	<sup>2</sup> 4.79	<sup>1</sup> 150
1961	--	--	(3)
1962	June 11, 1962	2.85	50
1963	Feb. 5, 1963	2.00	23
1964	June 8, 1964	1.58	13
1965	Apr. 1, 1965	2.96	53
1966	July 29, 1966	1.27	7
1967	June 14, 1967	1.50	12
1968	Feb. 29, 1968	<sup>2</sup> 1.96	<sup>1</sup> 5
1969	Mar. 17, 1969	--	<sup>1</sup> 120
1970	June 12, 1970	.50	1
1971	Feb. 14, 1971	<sup>2</sup> 4.71	<sup>1</sup> 55
1972	June 9, 1972	5.39	715
1973	Sept. 2, 1973	1.03	3
1974	July 3, 1974	1.77	20
1975	Jan. 20, 1975	4.25	106
1976	Jan. 28, 1976	1.97	23

## 06324995 Badger Creek at Biddle, MT

Location.--Lat 45°04'43", long 105°21'42", in NW¼SE¼ sec.4, T.9 S., R.52 E., Powder River County, at culvert on State Highway 59, 0.2 mi (0.3 km) south of Biddle.

Drainage area.--6.06 mi<sup>2</sup> (15.7 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 21, 1973. Altitude of gage is 3,310 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.89	185
1973	--	.73	8
1974	--	--	(3)
1975	Jan. 23, 1975	1.80	34
1976	June 23, 1976	7.97	414

06325400 East Fork Little Powder River  
tributary near Hammond, MT

Location.--Lat 45°18'04", long 105°05'50", in NW¼SE¼ sec.22, T.6 S., R.54 E., Powder River County, at culvert on State Highway 212, 4.0 mi (6.4 km) northwest of Boyes, 10 mi (16 km) northwest of Hammond, 18 mi (29 km) southeast of Broadus.

Drainage area.--3.45 mi<sup>2</sup> (8.94 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.19	51
1975	Mar 5, 1975	26.31	2
1976	June 23, 1976	6.18	155

06325700 Powder River tributary near Powderville, MT

Location.--Lat 45°48'46", long 105°03'51", in NE¼NE¼ sec.25, T.1 N., R.53 E., Custer County, at culvert on county road, 2 mi (3.0 km) north of Custer-Powder River county line and 4.5 mi (7.2 km) north of Powderville.

Drainage area.--3.20 mi<sup>2</sup> (8.29 km<sup>2</sup>).

Records available.--November 1973 to current year.

Gage.--Crest-stage gage installed Nov. 1, 1973. Altitude of gage is 2,850 ft (869 m), from AMS topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	16.91	480
1974	July 3, 1974	3.22	52
1975	May 5, 1975	5.57	180
1976	June 14, 1976	3.30	55

06325950 Cut Coulee near Mizpah, MT

Location.--Lat 46°08'38", long 105°10'05", in NE¼SW¼, sec.36, T.5 N., R.52 E., Custer County, at culvert on county road, 8.5 mi (13.7 km) southeast of Mizpah.

Drainage area.--2.23 mi<sup>2</sup> (5.77 km<sup>2</sup>).

Records available.--November 1973 to current year.

Gage.--Crest-stage gage installed Nov. 1, 1973. Altitude of gage is 2,670 ft (814 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	7.95	252
1974	May 30, 1974	4.77	125
1975	May 5, 1975	8.45	272
1976	Sept.14, 1976	4.18	105

## 06326400 Meyers Creek near Locate, MT

Location.--Lat  $46^{\circ}23'17''$ , long  $105^{\circ}16'43''$ , in SE $\frac{1}{4}$  sec.1, T.7 N., R.51 E., Custer County, at culvert on county road on east side of Powder River, 3.4 road mi (5.5 km) south of U.S. Highway 12, and 3 mi (4.8 km) southeast of Locate.

Drainage area.--9.42 mi<sup>2</sup> (24.4 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 2,520 ft (768 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> July 14, 1962	7.79	500
1963	June 6, 1963	8.24	1,370
1964	Aug. 29, 1964	6.62	200
1965	Apr. 1, 1965	5.00	150
1966	Mar. 14, 1966	1.70	55
1967	May 11, 1967	6.13	190
1968	June 24, 1968	7.10	230
1969	June 25, 1969	7.63	360
1970	May 8, 1970	6.70	205
1971	June 16, 1971	2.75	82
1972	June 9, 1972	7.00	220
1973	Sept. 2, 1973	8.01	840
1974	May 30, 1974	6.97	220
1975	May 5, 1975	7.50	310
1976	Aug. 5, 1976	5.45	160

## 06326510 Locate Creek tributary near Locate, MT

Location.--Lat  $46^{\circ}25'52''$ , long  $105^{\circ}10'51''$ , in SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.23, T.8 N., R.52 E., Custer County, at culvert on U.S. Highway 12, 5.5 mi (8.9 km) east of Locate, 6.4 road mi (10.3 km) east of Locate and 6.5 mi (10.5 km) east of Powder River bridge.

Drainage area.--0.91 mi<sup>2</sup> (2.36 km<sup>2</sup>).

Records available.--1973, May 1974 to current year.

Gage.--Crest-stage gage installed Aug. 16, 1974. Altitude of gage is 2,660 ft (811 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.41	22
1974	May 30, 1974	1.47	Not determined
1975	May 5, 1975	2.90	Not determined
1976	Aug. 5, 1976	5.31	Not determined

## 06326550 Cherry Creek tributary near Terry, MT

Location.--Lat 46°51'18", long 105°20'26", in NE¼SW¼ sec.25, T.13 N., R.50 E., Prairie County, on bridge on abandoned part of State Highway 253, 4.8 mi (7.7 km) north of Terry.

Drainage area.--2.52 mi<sup>2</sup> (6.53 km<sup>2</sup>).

Records available.--September 1973 to current year.

Gage.--Crest-stage gage installed Sept. 6, 1973. Altitude of gage is 2,340 ft (713 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	3.05	72
1974	May 28, 1974	2.49	10
1975	May 6, 1975	3.05	72
1976	Aug. 4, 1976	3.27	81

## 06326580 Lame Jones Creek tributary near Willard, MT

Location.--Lat 46°11'40", long 104°33'05", in SE¼SE¼ sec.11, T.5 N., R.57 E., Fallon County, at culvert on county road, 8.8 mi (14.2 km) west of Willard, 1.1 mi (1.8 km) east of Lame Jones School.

Drainage area.--0.49 mi<sup>2</sup> (1.27 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 2,825 ft (861 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.76	28
1975	Mar. 6, 1975	(6)	1
1976	--	--	(3)

## 06326600 O'Fallon Creek near Ismay, MT

Location.--Lat 46°25'17", long 104°45'40", near center of east edge of sec.30, T.8 N., R.56 E., Fallon County, at bridge on U.S. Highway 12, 11.5 mi (18.5 km) west of Plevna, 1 mi (1.6 km) east of road to Ismay, and 6.5 mi (10.5 km) south-east of Ismay.

Drainage area.--669 mi<sup>2</sup> (1,733 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 2,590 ft (789 m), from topographic map.



## 06326600 O'Fallon Creek near Ismay, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	July 14, 1962	7.23	2,480
1963	June 7, 1963	4.12	950
1964	June 18, 1964	4.20	980
1965	July 12, 1965	7.27	2,500
1966	July 26, 1966	5.07	1,370
1967	June 6, 1967	5.62	1,640
1968	Aug. 23, 1968	1.71	240
1969	Mar. 20, 1969	7.12	2,440
1970	May 8, 1970	2.61	440
1971	Mar. 13, 1971	5.19	1,425
1972	Mar. 6, 1972	8.87	4,100
1973	Sept. 2, 1973	4.36	1,100
1974	May 30, 1974	3.61	750
1975	May 6, 1975	3.86	850
1976	July 3, 1976	9.50	4,700

## 06326650 O'Fallon Creek tributary near Ismay, MT

Location.--Lat 46°25'10", long 104°44'22", in SE¼ sec.29, T.8 N., R.56 E., Fallon County, at culvert on U.S. Highway 12, 2 mi (3.2 km) east of road to Ismay, 1 mi (1.6 km) east of O'Fallon Creek bridge, and 7 mi (11.3 km) southeast of Ismay.

Drainage area.--0.17 mi<sup>2</sup> (0.44 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 2,750 ft (838 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> July 14, 1962	3.64	49
1963	June 7, 1963	5.26	59
1964	June 18, 1964	5.27	59
1965	July 12, 1965	3.36	47
1966	July 26, 1966	4.33	54
1967	June 23, 1967	5.55	61
1968	Aug. 23, 1968	1.20	24
1969	Mar. 18, 1969	<sup>2</sup> 1.44	<sup>1</sup> 10
1970	May 8, 1970	.96	18
1971	Mar. 14, 1971	1.06	20
1972	Oct. 19, 1971	1.23	24
1973	Sept. 2, 1973	1.16	23
1974	May 30, 1974	.71	11
1975	May 6, 1975	.87	16
1976	July 3, 1976	5.29	59

## 06326700 Deep Creek near Baker, MT

Location.--Lat 46°18'58", long 104°18'00", in SW¼ sec.2, T.6 N., R.59 E., Fallon County, at culverts on State Highway 7, 5 road mi (8.0 km) south of U.S. Highway 12 in Baker, and 5 mi (8.0 km) south of Baker.

Drainage area.--1.55 mi<sup>2</sup> (4.01 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 3,080 ft (939 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> July 7, 1962	2.64	86
1963	July 11, 1963	2.55	80
1964	June 8, 1964	3.90	190
1965	July 12, 1965	3.29	136
1966	July 13, 1966	3.87	185
1967	May 8, 1967	2.09	54
1968	June 9, 1968	2.86	100
1969	June 27, 1969	2.46	74
1970	June 13, 1970	2.88	102
1971	June 5, 1971	4.25	225
1972	June 24, 1972	2.59	82
1973	Sept. 2, 1973	3.82	182
1974	Aug. 14, 1974	2.85	100
1975	June 26, 1975	2.75	93
1976	June 14, 1976	2.60	83

## 06326800 Pennel Creek near Baker, MT

Location.--Lat 46 °29'57", long 104°14'17", in center of south edge of sec.36, T.9 N., R.59 E., Fallon County, at culvert on State Highway 7, 7.8 mi (12.6 km) north of U.S. Highway 12 in Baker, and 8 mi (12.9 km) north of Baker.

Drainage area.--1.00 mi<sup>2</sup> (2.59 km<sup>2</sup>).

Records available.--July 1962 to current year.

Gage.--Crest-stage gage installed Apr. 25, 1963. Altitude of gage is 3,090 ft (942 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> July 7, 1962	6.0	240
1963	June 5, 1963	8.51	350
1964	June 18, 1964	1.94	85
1965	Apr. 9, 1965	1.98	88
1966	June 4, 1966	2.28	97
1967	June 14, 1967	1.94	40
1968	Aug. 23, 1968	1.45	30
1969	June 27, 1969	1.60	35
1970	July 14, 1970	2.10	50
1971	Apr. 6, 1971	2.90	45
1972	June 24, 1972	2.35	30
1973	Sept. 2, 1973	2.28	27
1974	May 30, 1974	2.10	25
1975	May 6, 1975	2.61	38 (corrected)
1976	July 3, 1976	2.39	33

## 06326900 Yellowstone River tributary No. 4 near Fallon, MT

Location.--Lat 46°51'43", long 105°06'33", in SW¼ sec.23, T.13 N., R.52 E., Prairie County, at culvert on Interstate Highway 94 and U.S. Highway 10, 0.5 mi (0.8 km) northeast of the north end of the Yellowstone River bridge near Fallon, and 2 mi (3.2 km) north of Fallon.

Drainage area.--0.67 mi<sup>2</sup> (1.74 km<sup>2</sup>).

Records available.--July 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,250 ft (686 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> July 14, 1962	9.58	338
1963	June 6, 1963	.67	<sup>1</sup> 40
1964	June 8, 1964	1.05	55
1965	July 12, 1965	1.36	60
1966	--	--	(3)
1967	May 13, 1967	2.20	105
1968	June 15, 1968	6.94	260
1969	June 29, 1969	5.65	220
1970	Apr. 7, 1970	1.59	80
1971	Mar. 5, 1971	4.82	195
1972	Mar. 11, 1972	<sup>2</sup> 2.18	10
1973	Apr. 20, 1973	1.36	70
1974	June 21, 1974	1.18	63
1975	Mar. 3, 1975	1.03	55
1976	Aug. 4, 1976	.67	40

## 06326940 Spring Creek tributary near Fallon, MT

Location.--Lat 46°48'06", long 104°59'25", in NE¼NE¼ sec.13, T.12 N., R.53 E., Prairie County, at culvert on county road, 6.8 mi (10.9 km) southeast of Fallon.

Drainage area.--3.10 mi<sup>2</sup> (8.03 km<sup>2</sup>).

Records available.--1972, September 1973 to current year.

Gage.--Crest-stage gage installed Sept. 6, 1973. Altitude of gage is 2,470 ft (753 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	8.93	303
1973	--	3.06	40
1974	--	--	(3)
1975	May 6, 1975	1.63	6.5
1976	July 3, 1976	5.15	125

## 06326950 Yellowstone River tributary No. 5 near Marsh, MT

Location.--Lat  $46^{\circ}57'11''$ , long  $104^{\circ}53'53''$ , in SW $\frac{1}{4}$  sec.21, T.14 N., R.54 E., Dawson County, at culvert on Interstate Highway 94 and U.S. Highway 10, 2.4 mi (3.9 km) northeast of Cracker Box Creek, 2.5 mi (4.0 km) southwest of Clear Creek, and 5 mi (8.0 km) northeast of Marsh.

Drainage area.--0.87 mi<sup>2</sup> (2.25 km<sup>2</sup>).

Records available.--July 1962 to current year.

Gage.--Crest-stage gage installed May 17, 1963. Altitude of gage is 2,300 ft (701 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> July 14, 1962	2.97	127
1963	June 6, 1963	1.40	12
1964	June 8, 1964	.70	2
1965	Apr. 1, 1965	<sup>2</sup> 2.81	<sup>1</sup> 10
1966	June 4, 1966	1.68	<sup>1</sup> 20
1967	May 13, 1967	.66	2
1968	--	--	(3)
1969	Mar. 18, 1969	<sup>2</sup> 3.31	<sup>1</sup> 30
1970	--	--	(3)
1971	Mar. 31, 1971	1.92	34
1972	Mar. 11, 1972	<sup>2</sup> 2.90	15
1973	--	--	Unknown
1974	July 3, 1974	9.64	334
1975	May 6, 1975	2.57	36 (corrected)
1976	Feb. 17, 1976	2.51	35

## 06326960 Timber Fork Creek tributary near Lindsay, MT

Location.--Lat  $47^{\circ}10'55''$ , long  $105^{\circ}10'16''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.36, T.17 N., R.51 E., Dawson County, at culvert on county road, 3.3 mi (5.3 km) southwest of Lindsay.

Drainage area.--1.23 mi<sup>2</sup> (3.19 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gage installed June 28, 1974. Altitude of gage is 2,725 ft (830 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	.96	2
1975	May 6, 1975	1.70	13
1976	Mar. 18, 1976	1.24	6

## 06327550 South Fork Horse Creek tributary near Wibaux, MT

Location.--Lat  $46^{\circ}48'09''$ , long  $104^{\circ}22'55''$ , in SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.11, T.12 N., R.58 E., Wibaux County, at culvert on county road, 7.5 mi (12.1 km) west of State Highway 7, 16.0 mi (25.7 km) southwest of Wibaux.

Drainage area.--1.73 mi<sup>2</sup> (4.48 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,825 ft (861 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	6.23	169 (corrected)
1974	--	--	(3)
1975	Mar. 20, 1975	2.90	36 (corrected)
1976	Apr. 16, 1976	3.62	63

## 06327700 Griffith Creek near Glendive, MT

Location.--Lat  $47^{\circ}06'12''$ , long  $104^{\circ}33'42''$ , in NE $\frac{1}{4}$  sec.36, T.16 N., R.56 E., Dawson County, near bridge on Interstate Highway 94 and U.S. Highway 10, 8 mi (12.9 km) east of Glendive.

Drainage area.--15.5 mi<sup>2</sup> (40.1 km<sup>2</sup>).

Records available.--June 1955 to September 1963, June 1965 to September 1967 (discontinued).

Gage.--Crest-stage gage installed June 30, 1955. Altitude of gage is 2,220 ft (677 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	July 28, 1955	1.80	<sup>1</sup> 100
1956	Mar. 19, 1956	.86	<sup>1</sup> 80
1957	Mar. 20, 1957	.27	50
1958	July 3, 1958	.55	101
1959	Mar. 17, 1959	.74	157
1960	Mar. 20, 1960	1.41	Not determined
1961	June 29, 1961	3.96	Not determined
1962	June 6, 1962	.82	21
1963	June 22, 1963	1.70	Not determined
1965	June 16, 1965	--	14,600
1966	Mar. 11, 1966	--	<sup>1</sup> 150
1967	June 14, 1967	1.68	<sup>1</sup> 30



## 06327720 Griffith Creek tributary near Glendive, MT

Location.--Lat 47°06'20", long 104°35'48", in NE¼NW¼ sec.35, T.16 N., R.56 E., Dawson County, at culvert on U.S.

Interstate Highway 94, 0.5 mi (0.8 km) east of Glendive.

Drainage area.--3.48 mi<sup>2</sup> (9.01 km<sup>2</sup>).

Records available.--1965, June 1974 to current year.

Gage.--Crest-stage gage installed June 27, 1974. Altitude of gage is 2,180 ft (664 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1965	--	<sup>s</sup> 15.28	1,070
1974	Aug. 8, 1974	1.57	2
1975	May 6, 1975	2.70	17 (corrected)
1976	July 2, 1976	6.01	190

## 06327790 Krug Creek tributary No. 2 near Wibaux, MT

Location.--Lat 47°00'23", long 104°18'13", in NW¼NW¼ sec.6, T.14 N., R.59 E., Wibaux County, at culvert on county road, at Interstate Highway 94 interchange, 5.5 mi (8.9 km) west of Wibaux.

Drainage area.--0.49 mi<sup>2</sup> (1.27 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,825 ft (861 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	.86	1
1975	May 6, 1975	2.03	14
1976	Feb. 9, 1976	2.18	16

## 06327800 Krug Creek tributary near Wibaux, MT

Location.--Lat 47°01'08", long 104°19'18", in NW¼NW¼ sec.36, T.15 N., R.58 E., Dawson County, at culvert on Interstate Highway 94 and U.S. Highway 10, 8 mi (12.9 km) northwest of Wibaux.

Drainage area.--1.74 mi<sup>2</sup> (4.51 km<sup>2</sup>).

Records available.--June 1955 to September 1961 (discontinued).

Gage.--Crest-stage gage installed June 30, 1955. Altitude of gage is 2,720 ft (829 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	--	--	(3)
1956	March 1956	0.23	1
1957	Mar. 20, 1957	1.61	18
1958	July 3, 1958	2.70	49
1959	Mar. 18, 1959	.60	3
1960	June 12, 1960	3.00	70
1961	--	--	(3)

06328100 Yellowstone River tributary  
No. 6 near Glendive, MT

Location.--Lat 47°09'26", long 104°39'14", in NW¼SW¼ sec.8,  
T.16 N., R.56 E., Dawson County, at bridge on county road to  
Belle Prairie, and 3 mi (4.8 km) northeast of Glendive.

Drainage area.--2.93 mi<sup>2</sup> (7.59 km<sup>2</sup>).

Records available.--June 1974 to current year.

Gage.--Crest-stage gages installed June 27, 1974. Altitude of  
gages are 1,950 ft (594 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Aug. 8, 1974	1.35	9
1975	Apr. 14, 1975	1.18	3
1976	June 7, 1976	2.03	135

06328400 Thirteenmile Creek tributary near Bloomfield, MT

Location.--Lat 47°24'46", long 104°49'58", in SE¼SE¼ sec.9,  
T.19 N., R.54 E., Dawson County, at culvert on county road,  
3.9 mi (6.3 km) east of Bloomfield.

Drainage area.--0.67 mi<sup>2</sup> (1.74 km<sup>2</sup>).

Records available.--1972, August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of  
gage is 2,525 ft (770 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.70	110
1974	Aug. 8, 1974	2.00	36
1975	Apr. 14, 1975	2.52	46
1976	July 2, 1976	3.03	59

06328700 Linden Creek at Intake, MT

Location.--Lat 47°17'40", long 104°31'16", in NE¼ sec.25,  
T.18 N., R.56 E., Dawson County, at bridge on State High-  
way 16, 0.8 mi (1.3 km) northeast of Intake.

Drainage area.--4.20 mi<sup>2</sup> (10.9 km<sup>2</sup>).

Records available.--March 1958 to September 1973 (discontinued).

Gage.--Crest-stage gage installed Mar. 11, 1958. Altitude of  
gage is 2,080 ft (634 m), from topographic map.

## 06328700 Linden Creek at Intake, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	July 3, 1958	0.98	6
1959	Sept. 21, 1959	1.54	12
1960	June 21, 1960	1.35	10
1961	--	--	(3)
1962	June 15, 1962	1.46	10
1963	Feb. 5, 1963	2.38	<sup>1</sup> 30
1964	--	--	(3)
1965	June 16, 1965	1.63	11
1966	July 2, 1966	1.11	4
1967	June 14, 1967	1.36	22
1968	Feb. 27, 1968	1.04	15
1969	July 3, 1969	1.38	23
1970	--	--	(3)
1971	May 22, 1971	1.25	20
1972	June 9, 1972	1.41	24
1973	--	--	(3)

## 06328800 Indian Creek at Intake, MT

Location.--Lat 47°17'20", long 104°31'38", in SW¼ sec. 25, T.18 N., R.56 E., Dawson County, at culvert on State Highway 16, 500 ft (152 m) northeast of Intake.

Drainage area.--0.46 mi<sup>2</sup> (1.19 km<sup>2</sup>).

Records available.--March 1958 to September 1973 (discontinued).

Gage.--Crest-stage gage installed Mar. 11, 1958. Altitude of gage is 2,090 ft (637 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	July 3, 1958	3.23	99
1959	Sept. 21, 1959	3.28	105
1960	Mar. 20, 1960	.60	(3)
1961	Mar. 13, 1961	1.04	(3)
1962	Aug. 10, 1962	2.93	38
1963	Feb. 5, 1963	1.83	3
1964	June 8, 1964	2.08	6
1965	June 16, 1965	3.18	55
1966	July 2, 1966	2.40	13
1967	February 1967	2.14	7
1968	July 16, 1968	2.68	<sup>1</sup> 25
1969	July 3, 1969	2.00	5
1970	Sept. 9, 1970	2.09	6
1971	May 22, 1971	1.99	5
1972	June 9, 1972	3.90	150
1973	Sept. 3, 1973	1.96	4

## 06328900 War Dance Creek near Intake, MT

Location.--Lat 47°19'38", long 104°29'17", in SW¼ sec.8, T.18 N., R.57 E., Dawson County, at culvert on State Highway 16, 3.5 mi (5.6 km) northeast of Intake.

Drainage area.--3.69 mi<sup>2</sup> (9.56 km<sup>2</sup>).

Records available.--March 1958 to September 1973 (discontinued).

Gage.--Crest-stage gage installed Mar. 11, 1958. Altitude of gage is 2,080 ft (634 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	--	--	(3)
1959	Mar. 17, 1959	1.96	62
1960	Mar. 20, 1960	1.83	55
1961	--	--	(3)
1962	June 6, 1962	.94	18
1963	Feb. 5, 1963	-.22	0.4
1964	--	--	(3)
1965	June 16, 1965	.81	15
1966	--	--	(3)
1967	March 1967	1.36	33
1968	--	--	(3)
1969	March 1969	1.38	34
1970	Apr. 7, 1970	.45	6
1971	Mar. 27, 1971	.38	5
1972	Mar. 11, 1972	<sup>2</sup> 2.23	<sup>1</sup> 30
1973	Apr. 20, 1973	.57	9

## 06329350 Alkali Creek tributary near Sidney, MT

Location.--Lat 47°30'34", long 104°07'03", in SW¼NE¼ sec.7, T.20 N., R.60 E., Richland County, at culvert on county road, 7.7 mi (12.4 km) south of O'Brien Creek, 12.8 mi (20.6 km) south of State Highway 23, 14.8 mi (23.8 km) southeast of junction to State Highway 23 and State Highway 16, 14.2 mi (22.8 km) southeast of Sidney.

Drainage area.--0.49 mi<sup>2</sup> (1.23 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,260 ft (689 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Aug. 10, 1974	1.45	9
1975	Aug. 7, 1975	1.55	11
1976	Feb. 15, 1976	2.14	22

## 06329510 Fox Creek tributary near Lambert, MT

Location.--Lat 47°38'58", long 104°36'52", in NW¼SW¼ sec.24, T.22 N., R.55 E., Richland County, at bridge on county road, 2.4 road mi (3.9 km) south of Lambert and 2.2 mi (3.5 km) south of Lambert.

Drainage area.--5.07 mi<sup>2</sup> (13.1 km<sup>2</sup>).

Records available.--1972, June 1974 to current year.

Gage.--Crest-stage gage installed Aug. 17, 1974. Altitude of gage is 2,375 ft (724 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	5.18	Not determined
1974	June 21, 1974	2.52	Not determined
1975	May 6, 1975	3.21	Not determined
1976	Feb. 16, 1976	--	3

## 06329570 First Hay Creek near Sidney, MT

Location.--Lat 47°50'08", long 104°16'16", in SE¼ sec.16, T.24 N., R.58 E., Richland County, at bridge on State Highway 16, 4.1 road mi (6.6 km) north of "Dryland Crop and Soils Research Station" sign, and 10 mi (16.1 km) northwest of Sidney.

Drainage area.--29.1 mi<sup>2</sup> (75.4 km<sup>2</sup>).

Records available.--May 1963 to current year.

Gage.--Crest-stage gage installed May 20, 1963. Altitude of gage is 2,170 ft (661 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1963	Aug. 23, 1963	1.02	20
1964	July 5, 1964	.90	15
1965	Apr. 8, 1965	--	<sup>1</sup> 100
1966	March 1966	2.15	120
1967	March 1967	2.10	115
1968	Feb. 29, 1968	.70	10
1969	April 1969	1.38	45
1970	June 12, 1970	.73	10
1971	Mar. 27, 1971	2.40	160
1972	Mar. 11, 1972	2.32	325
1973	Mar. 11, 1973	.83	13
1974	May 13, 1974	.60	6
1975	Apr. 23, 1975	2.15	260
1976	June 14, 1976	2.93	700



## 06333850 North Creek near Alzada, MT

Location.--Lat  $45^{\circ}04'03''$ , long  $104^{\circ}32'03''$ , in SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec.7, T.9 S., R.59 E., Carter County, 8 mi (12.9 km) northwest of Alzada.

Drainage area.--0.68 mi<sup>2</sup> (1.76 km<sup>2</sup>).

Records available.--May to September 1951 (continuous record), July 1955 to current year.

Gage.--Water-stage gage re-installed July 21, 1955. Altitude of gage is 3,480 ft (1,060 m), by barometer.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1951	June 17, 1951	5.18	260
1955	--	--	(3)
1956	July 2, 1956	4.32	276
1957	Aug. 28, 1957	4.32	276
1958	June 3, 1958	4.66	417
1959	June 30, 1959	3.21	58
1960	Aug. 17, 1960	3.77	142
1961	Sept. 18, 1961	4.05	203
1962	May 21, 1962	5.47	1,300
1963	June 14, 1963	5.23	890
1964	June 22, 1964	3.22	34
1965	July 1, 1965	4.82	486
1966	July 28, 1966	2.92	15
1967	June 5, 1967	5.28	890
1968	June 23, 1968	4.72	430
1969	July 18, 1969	5.42	1,020
1970	June 12, 1970	3.63	120
1971	May 30, 1971	4.81	480
1972	June 10, 1972	3.42	55
1973	June 18, 1973	4.37	270 (corrected)
1974	May 20, 1974	4.48	340
1975	Apr. 18, 1975	4.25	230 (corrected)
1976	June 14, 1976	4.31	245

## 06334100 Wolf Creek near Hammond, MT

Location.--Lat  $45^{\circ}09'53''$ , long  $104^{\circ}45'20''$ , in SE $\frac{1}{4}$  sec.5, T.8 S., R.57 E., Carter County, at culvert on U.S. Highway 212, 8 mi (12.9 km) southeast of Hammond.

Drainage area.--9.09 mi<sup>2</sup> (23.5 km<sup>2</sup>).

Records available.--July 1955 to current year.

Gage.--Crest-stage installed July 22, 1955. Altitude of gage is 3,590 ft (1,090 m), from topographic map.

## 06334100 Wolf Creek near Hammond, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1955	<sup>5</sup> July 11, 1955	4.08	298
1956	Mar. 22, 1956	3.45	175
1957	Aug. 29, 1957	4.58	365
1958	June 3, 1958	5.76	550
1959	Mar. 19, 1959	3.32	154
1960	Mar. 21, 1960	5.26	485
1961	Sept. 18, 1961	2.31	30
1962	May 21, 1962	5.62	540
1963	Aug. 3, 1963	3.54	190
1964	June 22, 1964	3.85	240
1965	Aug. 22, 1965	12.38	1,170
1966	July 28, 1966	5.66	555
1967	June 14, 1967	9.94	1,100
1968	Feb. 29, 1968	<sup>2</sup> 4.02	<sup>1</sup> 260
1969	Apr. 26, 1969	4.00	270
1970	June 12, 1970	3.65	210
1971	June 11, 1971	5.83	590
1972	Mar. 5, 1972	<sup>2</sup> 3.50	<sup>1</sup> 50
1973	June 18, 1973	3.15	120
1974	Jan. 17, 1974	2.48	40
1975	Apr. 20, 1975	3.84	240
1976	June 14, 1976	5.54	535

## 06334200 Willow Creek near Alzada, MT

Location.--Lat 45°07'27", long 104°35'37", in center of sec.27, T.8 S., R.58 E., Carter County, near bridge on U.S. Highway 212, 11 mi (17.7 km) northwest of Alzada.

Drainage area.--123 mi<sup>2</sup> (319 km<sup>2</sup>).

Records available.--May 1958 to September 1973 (discontinued).

Gage.--Crest-stage gage installed May 8, 1958. Altitude of gage is 3,460 ft (1,060 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	June 5, 1958	7.54	455
1959	Mar. 19, 1959	7.31	548
1960	Mar. 23, 1960	11.19	<sup>1</sup> 1,350
1961	Sept. 18, 1961	1.77	40
1962	May 21, 1962	11.98	<sup>1</sup> 1,700
1963	Aug. 3, 1963	7.28	480
1964	June 22, 1964	4.84	200
1965	Aug. 22, 1965	8.39	550
1966	July 28, 1966	4.97	220
1967	June 14, 1967	12.57	1,800
1968	July 29, 1968	5.94	300
1969	July 18, 1969	10.73	1,240
1970	Apr. 11, 1970	7.88	650
1971	Mar. 27, 1971	11.30	1,400
1972	Feb. 29, 1972	9.36	820
1973	June 18, 1973	8.38	610

## 06334330 Little Missouri River tributary near Albion, MT

Location.--Lat 45°12'42", long 104°15'41", in SW¼NW¼ sec.21, T.7 S., R.61 E., Carter County, at culvert on FAS Highway 270, and 1.8 mi (2.9 km) north of Albion.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 22, 1973. Altitude of gage is 3,290 ft (1,003 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.50	57 (corrected)
1973	--	1.86	8
1974	Jan. 16, 1974	1.47	4
1975	Mar. 25, 1975	2.41	15 (corrected)
1976	Feb. 14, 1976	1.55	2

## 06334610 Box Elder Creek tributary near Albion, MT

Location.--Lat 45°23'20", long 104°28'38", in SE¼ sec.19, T.5 S., T.59 E., Carter County, at culvert on State Highway 323, 17 mi (27 km) northwest of Albion.

Drainage area.--0.73 mi<sup>2</sup> (1.89 km<sup>2</sup>).

Records available.--August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 22, 1973. Altitude of gage is 3,480 ft (1,061 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	2.13	16
1974	May 20, 1974	3.30	23
1975	June 26, 1975	6.00	63
1976	June 14, 1976	4.76	50

## 06334625 Coal Creek near Mill Iron, MT

Location.--Lat 45°54'15", long 104°21'42", in NW¼SW¼ sec.26, T.2 N., R.59 E., Carter County, at culvert on county road, 8 mi (13 km) northwest of Mill Iron, 8.5 mi (13.7 km) east of State Highway 7, 9.0 mi (14.5 km) east of Ekalaka.

Drainage area.--0.74 mi<sup>2</sup> (1.92 km<sup>2</sup>).

Records available.--August 1974 to current year.

Gage.--Crest-stage gage installed Aug. 18, 1974. Altitude of gage is 3,350 ft (1,021 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	2.22	14
1975	Apr. 16, 1975	( 6)	1
1976	June 23, 1976	( 6)	1

## 06334640 North Fork Coal Bank Creek near Mill Iron, MT

Location.--Lat 45°56'35", long 104°05'28", in SW¼ sec.12, T.2 N., R.61 E., Fallon County, at bridge on county road, 5 mi (8.0 km) south of Soda Creek tributary crest-stage gage, 9 mi (14.5 km) northeast of Mill Iron and 11 mi (17.7 km) southeast of Webster.

Drainage area.--15.0 mi<sup>2</sup> (38.8 km<sup>2</sup>).

Records available.--May 1962 to September 1976 (discontinued).

Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 3,040 ft (927 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> May 22, 1962	4.72	<sup>1</sup> 750
1963	July 10, 1963	2.65	355
1964	June 9, 1964	1.70	210
1965	Aug. 23, 1965	1.27	150
1966	March 1966	<sup>2</sup> 1.90	<sup>1</sup> 100
1967	May 7, 1967	1.60	195
1968	Feb. 29, 1968	--	<sup>1</sup> 10
1969	Mar. 20, 1969	<sup>2</sup> 2.58	<sup>1</sup> 240
1970	June 12, 1970	(6)	<sup>1</sup> 1
1971	June 16, 1971	3.28	450
1972	June 24, 1972	2.42	320
1973	June 30, 1973	.45	62
1974	Jan. 17, 1974	.54	70
1975	May 6, 1975	2.17	275
1976	June 23, 1976	.41	60

## 06334720 Soda Creek tributary near Webster, MT

Location.--Lat 46°00'34", long 104°05'30", in NE¼ sec.23, T.3 N., R.61 E., Fallon County, at culvert on county road, 0.3 mi (0.5 km) south of Soda Creek, and 8 mi (12.9 km) southeast of Webster.

Drainage area.--2.22 mi<sup>2</sup> (5.75 km<sup>2</sup>).

Records available.--May 1962 to current year.

Gage.--Crest-stage gage installed Apr. 26, 1963. Altitude of gage is 3,100 ft (945 m), from topographic map.

## 06334720 Soda Creek tributary near Webster, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1962	<sup>5</sup> May 22, 1962	5.19	106
1963	July 10, 1963	1.57	12
1964	Aug. 29, 1964	2.55	28
1965	July 5, 1965	1.05	7
1966	Mar. 14, 1966	1.00	9
1967	June 14, 1967	1.7	12
1968	July 17, 1968	.79	5
1969	Mar. 19, 1969	4.59	75
1970	June 12, 1970	--	<sup>1</sup> 1
1971	June 16, 1971	2.50	30
1972	June 24, 1972	3.52	46
1973	Mar. 12, 1973	1.11	4
1974	Jan. 17, 1974	1.14	4
1975	June 26, 1975	1.45	9
1976	Feb. 26, 1976	1.36	5

## 06336450 Spring Creek near Wibaux, MT

Location.--Lat 46°53'04", long 104°12'02", in sec.14, T.13 N.,  
R.59 E., Wibaux County, near bridge on State Highway 7,  
7 mi (11.3 km) south of Wibaux.

Drainage area.--3.88 mi<sup>2</sup> (10.0 km<sup>2</sup>).

Records available.--June 1955 to September 1973 (discontinued).

Gage.--Crest-stage gage installed June 29, 1955. Altitude of  
gage is 2,770 ft (844 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1956	March 1956	0.67	61
1957	Sept. 5, 1957	1.36	127
1958	March 1958	.54	52
1959	Mar. 21, 1959	1.18	108
1960	Mar. 20, 1960	.84	76
1961	--	--	( <sup>3</sup> )
1962	July 19, 1962	3.34	438
1963	Feb. 5, 1963	.57	53
1964	July 5, 1964	.95	85
1965	Apr. 1, 1965	<sup>2</sup> 1.91	<sup>1</sup> 100
1966	Mar. 11, 1966	1.32	125
1967	March 1967	<sup>2</sup> 1.57	<sup>1</sup> 10
1968	Feb. 27, 1968	<sup>2</sup> 1.46	<sup>1</sup> 10
1969	Mar. 19, 1969	1.28	120
1970	Apr. 6, 1970	<sup>2</sup> 1.21	<sup>1</sup> 20
1971	Mar. 30, 1971	<sup>2</sup> 1.33	<sup>1</sup> 30
1972	Mar. 10, 1972	<sup>2</sup> 3.53	305
1973	Mar. 12, 1973	<sup>2</sup> .43	<sup>1</sup> 20



## COLUMBIA RIVER BASIN

## 12300400 Cayuse Creek near Trego, MT

Location.--Lat  $48^{\circ}36'33''$ , long  $115^{\circ}01'42''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec.24, T.33 N., R.27 W., Lincoln County, at culvert on U.S. Forest Service road, 9.8 mi (15.8 km) southwest of Trego.

Drainage area.--5.29 mi<sup>2</sup> (13.7 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 8, 1973. Altitude of gage is 3,890 ft (1,190 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	3.70	80
1973	--	2.16	30
1974	Jan. 15, 1974	2.55	187
1975	May 16, 1975	1.34	75
1976	Apr. 12, 1976	1.49	82

## 12300500 Fortine Creek near Trego, MT

Location.--Lat  $48^{\circ}38'41''$ , long  $114^{\circ}54'36''$ , in NE $\frac{1}{4}$  sec.11, T.33 N., R.26 W., Lincoln County, 5.5 mi (8.8 km) southwest of Trego.

Drainage area.--112 mi<sup>2</sup> (290 km<sup>2</sup>).

Records available.--December 1946 to September 1953 (continuous record), 1954, May 1958 to September 1973 (discontinued).

Gage.--Crest-stage gage installed July 1, 1959. Wire-weight gage December 1946 to September 1953. Altitude of gage is 3,340 ft (1,020 m), from topographic map.

## 12300500 Fortine Creek near Trego, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1947	Apr. 29, 1947	10.24	948
1948	May 22, 1948	10.46	1,000
1949	May 11, 1949	9.34	<sup>4</sup> 754
1950	May 16, 1950	11.8	1,810
1951	May 7, 1951	9.95	875
1952	Apr. 28, 1952	9.65	798
1953	May 7, 1953	9.90	860
1954	May 20, 1954	11.8	1,810
1958	May 24, 1958	10.2	<sup>1</sup> 850
1959	--	--	Unknown
1960	Apr. 8, 1960	9.7	700
1961	May 11, 1961	<sup>1</sup> 10.0	<sup>1</sup> 700
1962	Apr. 19, 1962	8.96	540
1963	Apr. 26, 1963	6.01	360
1964	May 18, 1964	9.48	600
1965	Apr. 27, 1965	11.13	1,060
1966	May 4, 1966	8.51	500
1967	May 23, 1967	11.34	1,160
1968	May 23, 1968	7.23	377
1969	Apr. 24, 1969	9.41	610
1970	May 17, 1970	9.73	680
1971	May 4, 1971	11.46	1,030
1972	May 14, 1972	11.12	900
1973	May 7, 1973	5.02	200

## 12300800 Deep Creek near Fortine, MT

Location.--Lat 48°45'41", long 114°52'32", in SW¼ sec.30, T.35 N., R.25 W., Lincoln County, at culvert on county road, 1.2 mi (1.9 km) east of Fortine.

Drainage area.--18.9 mi<sup>2</sup> (49.0 km<sup>2</sup>).

Records available.--July 1959 to current year.

Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

## 12300800 Deep Creek near Fortine, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	( <sup>1</sup> )	2.8	150
1960	June 6, 1960	2.67	138
1961	May 31, 1961	2.92	161
1962	May 28, 1962	1.75	82
1963	June 22, 1963	2.26	108
1964	June 8, 1964	4.90	310
1965	May 28, 1965	3.28	180
1966	May 4, 1966	4.20	208
1967	May 24, 1967	3.06	140
1968	May 24, 1968	2.12	92
1969	May 30, 1969	3.40	160
1970	June 16, 1970	3.52	166
1971	May 4, 1971	2.70	126
1972	May 25, 1972	4.31	210
1973	May 7, 1973	2.09	95
1974	June 12, 1974	4.79	175
1975	June 16, 1975	2.34	110
1976	May 11, 1976	2.45	110

## 12301700 Kootenai River tributary near Rexford, MT

Location.--Lat 48°48'22", long 115°17'59", in SW $\frac{1}{4}$  sec.12, T.35 N., R.29 W., Lincoln County, at culvert on State Highway 37, 7 mi (11.3 km) southwest of Rexford.

Drainage area.--0.86 mi<sup>2</sup> (2.23 km<sup>2</sup>).

Records available.--July 1959 to 1970 (discontinued).

Gage.--Crest-stsage gage installed July 1, 1959. Altitude of gage is 2,280 ft (695 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	( <sup>1</sup> )	0.5	2
1960	Apr. 8, 1960	1.25	9
1961	May 12, 1961	1.28	9
1962	May 21, 1962	1.16	8
1963	May 14, 1963	.55	3
1964	May 21, 1964	1.00	7
1965	May 27, 1965	1.10	8
1966	May 4, 1966	.88	6
1967	May 22, 1967	1.48	12
1968	May 22, 1968	.50	2
1969	Apr. 24, 1969	1.70	14
1970	May 17, 1970	.84	5

## 12301800 Gold Creek near Rexford, MT

Location.--Lat 48°46'58", long 115°18'32", in NW¼ sec.23, T.35 N., R.29 W., Lincoln County, at culvert on State Highway 37, 8 mi (12.9 km) southwest of Rexford.

Drainage area.--6.12 mi<sup>2</sup> (15.9 km<sup>2</sup>).

Records available.--July 1959 to 1969 (discontinued).

Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 2,260 ft (689 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	1.5	103
1960	Apr. 8, 1960	.85	55
1961	May 21, 1961	.97	64
1962	May 12, 1962	.78	50
1963	May 14, 1963	.27	22
1964	May 20, 1964	.93	61
1965	Apr. 27, 1965	.95	62
1966	May 4, 1966	.91	60
1967	May 22, 1967	1.85	134
1968	May 22, 1968	.51	34
1969	Apr. 24, 1969	4.14	230

## 12301900 Little Jackson Creek near Libby, MT

Location.--Lat 48°27'04", long 115°18'37", in center of sec.16, T.31 N., R.29 W., Lincoln County, at culvert on State Highway 37, 12 mi (19.3 km) northeast of Libby.

Drainage area.--2.61 mi<sup>2</sup> (6.76 km<sup>2</sup>).

Records available.--May 1961 to 1969 (discontinued).

Gage.--Crest-stage gage installed May 16, 1961. Altitude of gage is 2,180 ft (664 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	<sup>5</sup> May 15, 1961	0.4	13
1962	--	(6)	<sup>1</sup> 4
1963	February 1963	2.22	<sup>1</sup> 5
1964	--	(6)	<sup>1</sup> 4
1965	April 1965	.36	12
1966	--	(6)	<sup>1</sup> 4
1967	June 28, 1967	-.02	4
1968	May 7, 1968	-.38	<sup>1</sup> .1
1969	--	--	Unknown

## 12301993 Wolf Creek tributary near Libby, MT

Location.--Lat 48°23'52", long 114°55'05", in NW¼NE¼NE¼ sec.4, T.30 N., R.26 W., Lincoln County, on right bank 9 ft (3 m) from Burlington Northern railroad culvert, 0.3 mi (0.5 km) from mouth, 28.8 mi (46.3 km) east of Libby.

Drainage area.--2.76 mi<sup>2</sup> (7.15 km<sup>2</sup>).

Records available.--September 1973 to current year.

Gage.--Crest-stage gage installed Sept. 11, 1973. Altitude of gage is 3,240 ft (988 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	Apr. 25, 1974	.82	19
1975	May 12, 1975	.42	15
1976	Apr. 12, 1976	.54	13

## 12301997 Richards Creek near Libby, MT

Location.--Lat 48°15'31", long 115°11'57", in SE¼NW¼SE¼ sec.20, T.29 N., R.28 W., Lincoln County, at bridge on county road, 0.1 mi (0.2 km) upstream from mouth, 18.5 mi (30 km) south-east of Libby.

Drainage area.--9.50 mi<sup>2</sup> (24.6 km<sup>2</sup>).

Records available.--September 1973 to current year.

Gage.--Crest-stage gage installed Sept. 11, 1973. Altitude of gage is 2,720 ft (829 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	.31	5
1974	Apr. 26, 1974	1.11	49
1975	May 14, 1975	.95	36
1976	May 11, 1976	.90	24

## 12302050 Peoples Creek near Libby, MT

Location.--Lat 48°20'18", long 115°18'49", in NW¼ sec.28, T.30 N., R.29 W., Lincoln County, at culvert on private road, 12 mi (19.3 km) east of Libby.

Drainage area.--2.54 mi<sup>2</sup> (6.58 km<sup>2</sup>).

Records available.--May 1961 to September 1967 (discontinued).

Gage.--Crest-stage gage installed May 16, 1961. Altitude of gage is 2,200 ft (671 m), from topographic map.



## 12302050 Peoples Creek near Libby, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	<sup>5</sup> May 15, 1961	0.3	10
1962	May 18, 1962	.05	4
1963	--	(6)	<sup>1</sup> 0.5
1964	Apr. 21, 1964	-.04	1
1965	Apr. 27, 1965	.46	15
1966	May 12, 1966	.34	<sup>1</sup> 2
1967	May 22, 1967	.34	1

## 12302400 Shaughnessy Creek near Libby, MT

Location.--Lat 48°18'11", long 115°35'37", in W½ sec.5,  
T.29 N., R.31 W., Lincoln County, at culvert on county road,  
6.5 mi (10.5 km) southwest of Libby.

Drainage area.--1.16 mi<sup>2</sup> (3.00 km<sup>2</sup>).

Records available.--July 1959 to current year.

Gage.--Crest-stage gage installed July 2, 1959. Altitude of  
gage is 2,820 ft (860 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	0.4	16
1960	--	(6)	<sup>1</sup> 4
1961	Mar. 30, 1961	.73	33
1962	May 16, 1962	.67	29
1963	Apr. 4, 1963	.09	6
1964	April 1964	.39	<sup>1</sup> 16
1965	April 1965	.97	48
1966	May 4, 1966	.35	14
1967	May 22, 1967	.03	6
1968	May 22, 1968	.28	12
1969	Apr. 24, 1969	.41	16
1970	June 27, 1970	.21	9
1971	May 5, 1971	.31	13
1972	May 14, 1972	.16	8
1973	June 14, 1973	.05	6
1974	Jan. 15, 1974	--	<sup>1</sup> 200
1975	May 13, 1975	2.64	11
1976	Dec. 5, 1976	--	<sup>1</sup> 15

## 12303400 Ross Creek near Troy, MT

Location.--Lat 48°12'26", long 115°52'08", in SE¼NE¼ sec.8, T.28 N., R.33 W., Lincoln County, at bridge on Forest Service road, 11.3 mi (18 km) north of Heron, 17.5 mi (28 km) south of Troy.

Drainage area.--23.8 mi<sup>2</sup> (61.6 km<sup>2</sup>).

Records available.--August 1973 to current year. Discharge and gage-height at undetermined date prior to installation of gage.

Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 2,420 ft (738 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	7.5	3,200
1973	--	5.05	1,450
1974	Jan. 15, 1974	4.70	1,240
1975	May 14, 1975	3.70	700
1976	Dec. 5, 1976	4.61	1,180

## 12303440 Camp Creek near Troy, MT

Location.--Lat 48°18'46", long 115°50'35", in SW¼SE¼ sec.32, T.30 N., R.33 W., Lincoln County, at bridge on Forest Service road, 0.8 mi (1.3 km) east of Highway 202, 12.6 mi (20.3 km) south of Troy.

Drainage area.--11.3 mi<sup>2</sup> (29.3 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 2,440 ft (744 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	3.87	980
1973	--	1.79	295
1974	June 14, 1974	1.92	335
1975	June 2, 1975	1.64	190
1976	May 11, 1976	1.64	190

## 12304060 Blacktail Creek near Yaak, MT

Location.--Lat 48°57'03", long 115°32'27", in SW¼SW¼ sec.20, T.37 N., R.30 W., Lincoln County, at bridge on Forest Service road, 200 ft (61 m) upstream from mouth, 10.3 mi (16.6 km) northeast of Yaak.

Drainage area.--8.66 mi<sup>2</sup> (22.4 km<sup>2</sup>).

Records available.--1964, 1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 8, 1973. Altitude of gage is 3,430 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1964	--	2.72	280
1972	--	1.76	126
1973	--	1.01	35
1974	May 9, 1974	1.29	84
1975	June 2, 1975	1.05	55
1976	May 11, 1976	1.42	112

## 12304120 Zulu Creek near Yaak, MT

Location.--Lat 48°43'49", long 115°38'30", in NW¼NW¼ sec.8, T.34 N., R.31 W., Lincoln County, at culvert on South Fork Yaak River road, 8.5 mi (13.7 km) south of Yaak.

Drainage area.--5.27 mi<sup>2</sup> (13.6 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 8, 1973. Altitude of gage is 3,680 ft (1,120 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	2.56	190
1973	--	1.12	32
1974	May 9, 1974	1.30	47
1975	May 14, 1975	1.09	32
1976	May 11, 1976	1.38	67

## 12304250 Whitetail Creek near Yaak, MT

Location.--Lat 48°49'42", long 115°48'45", in NE¼ sec.1, T.35 N., R.33 W., Lincoln County, 500 ft (152 m) upstream from mouth, 5 mi (8.0 km) west of Yaak.

Drainage area.--2.48 mi<sup>2</sup> (6.42 km<sup>2</sup>).

Records available.--July 1960 to September 1974 (discontinued).

Gage.--Crest-stage gage installed July 15, 1960. Altitude of gage is 2,930 ft (893 m), from topographic map.

## 12304250 Whitetail Creek near Yaak, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	(u)	0.7	33
1961	May 1, 1961	1.02	49
1962	May 21, 1962	.45	11
1963	Apr. 4, 1963	.58	15
1964	May 22, 1964	.70	31
1965	Apr. 26, 1965	.96	42
1966	May 4, 1966	.79	23
1967	May 22, 1967	.88	26
1968	May 22, 1968	.56	14
1969	Apr. 24, 1969	1.23	44
1970	May 17, 1970	.87	24
1971	May 4, 1971	.79	32
1972	May 14, 1972	.78	32
1973	May 13, 1973	.61	22
1974	Jan. 15, 1974	2.10	100

## 12304300 Cyclone Creek near Yaak, MT

Location.--Lat 48°45'01", long 115°54'06", in SE $\frac{1}{4}$  sec.32,  
T.35 N., R.33 W., Lincoln County, at bridge 0.2 mi (0.3 km)  
upstream from mouth, 10.5 mi (16.9 km) southwest of Yaak.

Drainage area.--5.71 mi<sup>2</sup> (14.8 km<sup>2</sup>).

Records available.--July 1960 to current year.

Gage.--Crest-stage gage installed July 15, 1960. Altitude of  
gage is 2,790 ft (850 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	(u)	2.06	220
1961	May 26, 1961	1.78	172
1962	May 21, 1962	1.26	97
1963	Apr. 4, 1963	1.58	133
1964	May 22, 1964	1.94	150
1965	Apr. 27, 1965	1.38	73
1966	May 4, 1966	1.56	130
1967	May 22, 1967	1.75	168
1968	May 22, 1968	1.42	118
1969	May 31, 1969	1.45	125
1970	May 1970	.95	92
1971	May 5, 1971	1.25	138
1972	May 18, 1972	1.29	155
1973	May 13, 1973	1.03	110
1974	Jan. 15, 1974	<sup>2</sup> 3.68	<sup>1</sup> 350
1975	June 2, 1975	1.51	135
1976	May 11, 1976	1.63	165

## 12304400 Fourth of July Creek near Yaak, MT

Location.--Lat  $48^{\circ}42'04''$ , long  $115^{\circ}52'04''$ , in NW $\frac{1}{4}$  sec.22, T.34 N., R.33 W., Lincoln County, at bridge 500 ft (152 m) upstream from mouth, 12 mi (19.3 km) southwest of Yaak.

Drainage area.--7.84 mi<sup>2</sup> (20.3 km<sup>2</sup>).

Records available.--July 1960 to September 1974 (discontinued).

Gage.--Crest-stage gage installed July 14, 1960. Altitude of gage is 2,650 ft (808 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	( <sup>n</sup> )	2.5	258
1961	May 26, 1961	2.06	196
1962	Apr. 19, 1962	1.60	138
1963	Apr. 14, 1963	.95	61
1964	May 22, 1964	2.20	190
1965	Apr. 26, 1965	1.98	165
1966	May 4, 1966	2.00	188
1967	May 22, 1967	2.19	215
1968	May 22, 1968	1.79	160
1969	Apr. 24, 1969	2.39	178
1970	May 17, 1970	2.59	180
1971	May 21, 1971	2.60	164
1972	May 14, 1972	2.48	155
1973	June 8, 1973	1.17	52
1974	Jan. 15, 1974	<sup>2</sup> 5.01	<sup>1</sup> 400

## 12323300 Smith Gulch near Silver Bow, MT

Location.--Lat  $45^{\circ}57'26''$ , long  $112^{\circ}39'45''$ , in N $\frac{1}{2}$  sec.1, T.2 N., R.9 W., Silver Bow County, at culvert on Interstate Highway 15, and U.S. Highway 91, 4 mi (6.4 km) south of Silverbow.

Drainage area.--4.36 mi<sup>2</sup> (11.3 km<sup>2</sup>).

Records available.--May 1959 to current year.

Gage.--Crest-stage gage installed May 11, 1959. Altitude of gage is 5,510 ft (1,680 m), from topographic map.



## 12323300 Smith Gulch near Silver Bow, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	--	--	15
1960	Mar. 21, 1960	1.97	43
1961	Sept. 11, 1961	2.41	67
1962	Apr. 14, 1962	1.70	32
1963	Feb. 4, 1963	4.91	80
1964	Mar. 30, 1964	3.04	10
1965	Dec. 23, 1965	5.75	123
1966	Mar. 30, 1966	3.04	9
1967	May 8, 1967	3.28	19
1968	Feb. 21, 1968	2.77	2
1969	June 9, 1969	4.31	56
1970	June 12, 1970	3.34	19
1971	Feb. 12, 1971	3.30	18
1972	Mar. 17, 1972	3.12	12
1973	Apr. 22, 1973	3.11	11
1974	Jan. 15, 1974	3.73	33
1975	June 9, 1975	4.54	62
1976	Mar. 17, 1976	<sup>2</sup> 4.78	23

## 12324250 Cottonwood Creek at Deer Lodge, MT

Location.--Lat 46°23'59", long 112°43'02", in NE¼SW¼ sec.33, T.8 N., R.9 W., Powell County, at culvert on county road and U.S. Highway 10 in Deer Lodge.

Drainage area.--45.4 mi<sup>2</sup> (118 km<sup>2</sup>).

Records available.--September 1975 to current year.

Gage.--Crest-stage gage installed Sept. 30, 1975. Altitude of gage is 4,675 ft (1,425 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1975	June 19, 1975	4.10	497
1976	May 15, 1976	3.00	240

## 12324700 Clark Fork tributary near Drummond, MT

Location.--Lat 46°36'58", long 113°02'08", in SW¼ sec.18, T.10 N., R.11 W., Powell County, 0.5 mi (0.8 km) upstream from Interstate Highway 90 and U.S. Highway 10, 6.5 mi (10.5 km) east of Drummond.

Drainage area.--4.61 mi<sup>2</sup> (11.9 km<sup>2</sup>).

Records available.--June 1959 to current year.

Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 4,080 ft (1,240 m), from topographic map.

## 12324700 Clark Fork tributary near Deummond, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	June 9, 1958	1.64	133
1959	--	--	( <sup>3</sup> )
1960	Mar. 18, 1960	1.62	84
1961	Apr. 3, 1961	.70	20
1962	Apr. 4, 1962	.62	18
1963	Feb. 4, 1963	1.44	56
1964	Mar. 31, 1964	.98	21
1965	Feb. 5, 1965	1.53	64
1966	Mar. 9, 1966	2.00	125
1967	Mar. 18, 1967	.55	15
1968	Feb. 20, 1968	1.45	66
1969	Mar. 31, 1969	1.53	75
1970	Feb. 16, 1970	1.27	54
1971	Feb. 14, 1971	1.99	124
1972	Feb. 29, 1972	.11	2
1973	Mar. 1, 1973	.66	17
1974	Jan. 15, 1974	1.11	41
1975	June 19, 1975	.85	26
1976	Dec. 2, 1975	1.86	108

## 12324800 Morris Creek near Drummond, MT

Location.--Lat 46°39'57", long 113°05'58", in NW¼NW¼ sec.34,

T.11 N., R.12 W., Granite County, at culvert on State

Highway 271, 2 mi (3.2 km) east of Drummond.

Drainage area.--12.6 mi<sup>2</sup> (32.6 km<sup>2</sup>).Records available.--June 1959 to September 1974 (discontinued).Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 4,170 ft (1,270 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 26, 1960	1.23	14
1961	Apr. 3, 1961	.47	3
1962	Apr. 23, 1962	.65	4
1963	Mar. 21, 1963	.76	6
1964	May 20, 1964	1.06	10
1965	May 29, 1965	.83	12
1966	Mar. 29, 1966	.87	13
1967	Mar. 18, 1967	.82	12
1968	Feb. 20, 1968	1.02	10
1969	Mar. 31, 1969	1.16	12
1970	May 7, 1970	1.61	23
1971	May 5, 1971	.68	5
1972	June 1, 1972	.69	5
1973	Mar. 1, 1973	.73	5
1974	Jan. 15, 1974	1.43	12

## 12331700 Edwards Gulch at Drummond, MT

Location.--Lat 46°40'25", long 113°08'31", in SW¼SW¼ sec.29, T.11 N., R.12 W., Granite County, at culvert on private road, 0.4 mi (0.6 km) north of Interstate Highway 90 and U.S. Highway 10 at Drummond.

Drainage area.--4.69 mi<sup>2</sup> (12.1 km<sup>2</sup>).

Records available.--June 1959 to September 1962 (discontinued).

Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 4,000 ft (1,220 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Mar. 21, 1960	<sup>2</sup> 1.14	Unknown
1961	Apr. 3, 1961	.14	2
1962	Apr. 14, 1962	.55	8
1975	Aug. 20, 1975	1.57	17
1976	Jan. 19, 1976	<sup>2</sup> 1.95	8

## 12338600 Monture Creek at Forest Service boundary, near Ovando, MT

Location.--Lat 47°05'37", long 113°09'10", in SW¼SW¼ sec.32, T.16 N., R.12 W., Powell County, on left bank 800 ft (240 m) upstream from Forest service boundary, 5.2 mi (8.4 km) north of Ovando.

Drainage area.--105 mi<sup>2</sup> (272 km<sup>2</sup>).

Records available.--June 1964, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 7, 1973. Altitude of gage is 4,060 ft (1,240 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1964	June 1964	4.71	2,400
1974	June 18, 1974	3.63	1,500
1975	June 7, 1975	3.20	1,200
1976	June 22, 1976	3.35	1,300

## 12339300 Deer Creek near Seeley Lake, MT

Location.--Lat 47°12'37", long 113°32'27", in SE¼SW¼ sec.20, T.17 N., R.15 W., Missoula County, at bridge on county road, 2.3 mi (3.7 km) northwest of bridge over Clearwater River, 3.5 mi (5.6 km) northwest of Seeley Lake.

Drainage area.--19.8 mi<sup>2</sup> (51.3 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 29, 1974. Altitude of gage is 4,030 ft (1,228 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	3.07	390
1975	May 16, 1975	3.15	425
1976	May 5, 1976	3.04	340

## 12339900 West Twin Creek near Bonner, MT

Location.--Lat  $46^{\circ}54'44''$ , long  $113^{\circ}42'50''$ , in SW $\frac{1}{4}$  sec.2, T.13 N., R.17 W., Missoula County, at bridge on State Highway 200, 8 mi (12.9 km) east of Bonner.

Drainage area.--7.33 mi<sup>2</sup> (19.0 km<sup>2</sup>).

Records available.--June 1959 to current year.

Gage.--Crest-stage gage installed June 17, 1959. Altitude of gage is 3,410 ft (1,040 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 1959	0.7	98
1960	Apr. 6, 1960	.63	82
1961	May 27, 1961	.91	128
1962	Apr. 19, 1962	.92	92
1963	May 29, 1963	.63	63
1964	June 8, 1964	<sup>2</sup> 1.10	<sup>1</sup> 150
1965	Apr. 14, 1965	1.33	<sup>1</sup> 120
1966	May 28, 1966	.45	42
1967	May 22, 1967	1.48	200
1968	May 22, 1968	.91	80
1969	Apr. 24, 1969	1.05	120
1970	May 20, 1970	.97	112
1971	May 11, 1971	1.25	156
1972	May 14, 1972	1.04	130
1973	May 14, 1973	.64	42
1974	Jan. 15, 1974	<sup>2</sup> 2.55	<sup>1</sup> 300
1975	June 7, 1975	.89	90
1976	June 11, 1976	1.15	114

## 12340200 Marshall Creek near Missoula, MT

Location.--Lat  $46^{\circ}53'15''$ , long  $113^{\circ}55'27''$ , in NW $\frac{1}{4}$  sec.18, T.13 N., R.18 W., Missoula County, at culvert on Interstate Highway 90 and U.S. Highways 10 and 12, 3 mi (4.8 km) east of Missoula.

Drainage area.--5.63 mi<sup>2</sup> (14.6 km<sup>2</sup>).

Records available.--June 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,310 ft (1,010 m), from topographic map.

## 12340200 Marshall Creek near Missoula, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	June 1959	0.3	13
1960	Apr. 7, 1960	.26	11
1961	May 27, 1961	.27	12
1962	Apr. 25, 1962	.53	15
1963	May 6, 1963	.38	7
1964	May 21, 1964	1.05	<sup>1</sup> 50
1965	May 29, 1965	.54	26
1966	April 1966	.20	<sup>1</sup> 10
1967	May 22, 1967	.34	10
1968	May 5, 1968	.32	10
1969	Apr. 24, 1969	.21	17
1970	May 18, 1970	.56	31
1971	June 13, 1971	.26	23
1972	May 14, 1972	.27	29
1973	June 14, 1973	.09	20

## 12342950 Trapper Creek near Conner, MT

Location.--Lat 45°53'43", long 114°10'51", in SE¼SE¼ sec.27, T.2 N., R.21 W., Ravalli County, at bridge on State Highway 473, 0.6 mi (1.0 km) southwest of Trapper Creek Job Corps Center, 3.0 mi (4.8 km) southwest of junction of State Highway 473 and turnoff to Conner, 4.5 mi (7.2 km) southwest of Conner.

Drainage area.--28.5 mi<sup>2</sup> (73.8 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 30, 1974. Altitude of gage is 4,150 ft (1,265 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.37	Not determined
1975	June 12, 1975	2.02	460 (corrected)
1976	May 11, 1976	1.97	440



## 12344300 Burke Gulch near Darby, MT

Location.--Lat  $46^{\circ}01'28''$ , long  $114^{\circ}08'45''$ , in S $\frac{1}{2}$  sec.12, T.3 N., R.21 W., Ravalli County, 1 mi (1.6 km) upstream from mouth, 1.5 mi (2.4 km) east of Darby.

Drainage area.--6.28 mi<sup>2</sup> (16.3 km<sup>2</sup>).

Records available.--April 1958 to current year.

Gage.--Staff gage installed Apr. 16, 1958. Crest-stage gage installed July 21, 1959. Altitude of gage is 4,100 ft (1,250 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	May 12, 1958	0.94	11
1959	May 16, 1959	--	<sup>1</sup> 5
1960	Apr. 7, 1960	.85	8
1961	May 27, 1961	.40	2
1962	May 1962	( 6)	<sup>1</sup> 4
1963	February 1963	1.08	13
1964	Apr. 21, 1964	.95	11
1965	Apr. 22, 1965	.95	7
1966	June 1966	.59	3
1967	May 22, 1967	.84	8
1968	May 22, 1968	.80	8
1969	Apr. 24, 1969	.84	8
1970	May 17, 1970	.94	10
1971	May 5, 1971	1.66	25
1972	May 14, 1972	1.29	12
1973	May 17, 1973	.50	3
1974	May 26, 1974	1.32	13
1975	May 15, 1975	1.38	19
1976	May 14, 1976	2.20	24

## 12345800 Camas Creek near Hamilton, MT

Location.--Lat  $46^{\circ}08'42''$ , long  $114^{\circ}12'58''$ , in SW $\frac{1}{4}$  sec.34, T.5 N., R.21 W., Ravalli County, 8 mi (12.9 km) southwest of Hamilton.

Drainage area.--5.05 mi<sup>2</sup> (13.8 km<sup>2</sup>).

Records available.--April 1958 to September 1973 (discontinued).

Gage.--Staff gage installed Apr. 17, 1958. Crest-stage gage installed July 21, 1959. Altitude of gage is 4,000 ft (1,220 m), from topographic map.

## 12345800 Camas Creek near Hamilton, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	May 20, 1958	2.52	240
1959	June 7, 1959	2.30	190
1960	June 4, 1960	2.65	265
1961	May 28, 1961	2.30	190
1962	June 25, 1962	2.06	80
1963	May 25, 1963	2.03	74
1964	June 26, 1964	2.15	120
1965	June 12, 1965	2.39	148
1966	May 6, 1966	2.07	102
1967	May 22, 1967	3.06	190
1968	June 2, 1968	2.72	108
1969	May 21, 1969	2.80	120
1970	June 5, 1970	3.22	240
1971	June 13, 1971	2.84	150
1972	June 1, 1972	3.04	225
1973	May 17, 1973	1.97	78

## 12345850 Sleeping Child Creek near Hamilton, MT

Location.--Lat 46°07'58", long 114°03'26", in SE¼SW¼NW¼ sec.2, T.4 N., R.20 W., Ravalli County, Bitterroot National Forest on right bank 5.8 mi (9.3 km) upstream from mouth and 10.8 mi (17.4 km) southeast of Hamilton.

Drainage area.--62.6 mi<sup>2</sup> (162 km<sup>2</sup>).

Records available.--May 1973 to current year.

Gage.--Crest-stage gage installed May 20, 1973. Altitude of gage is 4,090 ft (1,247 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	May 20, 1973	3.54	305
1974	June 14, 1974	4.90	800
1975	June 6, 1975	4.85	775
1976	May 14, 1976	4.95	875

## 12348500 Willow Creek near Corvallis, MT

Location.--Lat 46°17'40", long 113°59'40", in SW¼NE¼ sec.8, T.6 N., R.19 W., Ravalli County, 800 ft (244 m) downstream from Butterfly ranger station, 0.5 mi (0.8 km) downstream from Horn ditch, and 6 mi (9.7 km) southeast of Corvallis.

Drainage area.--22.4 mi<sup>2</sup> (58.0 km<sup>2</sup>).

Records available.--April 1920 to May 1924 (no winter records), September 1957 to December 1965 (continuous record), January 1966 to September 1973 (discontinued).

Gage.--Wire-weight gage. Crest-stage gage installed July 20, 1959. Altitude of gage is 4,130 ft (1,260 m), from topographic map.

## 12348500 Willow Creek near Corvallis, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1920	June 22, July 2 1920	1.50	60
1921	June 8, 1921	2.04	114
1922	June 15, 1922	2.20	130
1923	June 26, 1923	1.80	<sup>4</sup> 92
1958	May 28, 1958	2.70	103
1959	June 21, 1959	2.56	84
1960	June 3, 1960	2.60	99
1961	May 30, 1961	2.60	88
1962	June 13, 1962	2.56	88
1963	June 21, 1963	2.60	106
1964	June 17, 1964	2.70	144
1965	June 12, 1965	2.87	168
1966	May 28, 1966	1.39	61
1967	June 6, 1967	2.06	134
1968	June 2, 1968	1.81	106
1969	May 21, 1969	1.83	108
1970	June 5, 1970	1.94	124
1971	May 13, 1971	1.80	120
1972	June 2, 1972	2.31	170
1973	June 14, 1973	1.27	50

## 12350200 Gash Creek near Victor, MT

Location.--Lat 46°24'20", long 114°15'21", in W½ sec.32, T.8 N., R.21 W., Ravalli County, 5 mi (8.0 km) west of Victor.

Drainage area.--2.68 mi<sup>2</sup> (6.94 km<sup>2</sup>).

Records available.--July 1958 to September 1973 (discontinued).

Gage.--Staff gage installed July 8, 1958. Crest-stage gage installed July 20, 1959. Altitude of gage is 5,500 ft (1,680 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	May 21, 1958	--	<sup>1</sup> 200
1959	June 5, 1959	1.58	160
1960	June 4, 1960	.75	80
1961	May 28, 1961	1.57	99
1962	June 25, 1962	1.26	47
1963	June 5, 1963	1.19	<sup>1</sup> 60
1964	June 26, 1964	1.36	75
1965	June 12, 1965	1.81	165
1966	May 28, 1966	1.56	98
1967	June 6, 1967	2.02	200
1968	June 2, 1968	1.49	90
1969	May 21, 1969	1.83	150
1970	June 5, 1970	1.65	95
1971	June 13, 1971	1.74	157
1972	June 1, 1972	1.71	152
1973	May 17, 1973	.93	55

## 12350500 Kootenai Creek near Stevensville, MT

Location.--Lat  $46^{\circ}32'14''$ , long  $114^{\circ}10'31''$ , in NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec.18, T.9 N., R.20 W., Ravalli County, 3 mi (4.8 km) upstream from mouth and 4 mi (6.4 km) northwest of Stevensville.

Drainage area.--28.8 mi<sup>2</sup> (74.6 km<sup>2</sup>).

Records available.--December 1948 to September 1953, August 1957 to September 1963 (continuous record), October 1963 to September 1973 (discontinued).

Gage.--Water-stage recorder. Altitude of gage is 3,780 ft (1,150 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1948	May-June 1948	--	1,250
1949	May 16, 1949	5.11	980
1950	June 17, 1950	5.85	1,300
1951	June 15, 1951	4.36	654
1952	June 6, 1952	3.76	381
1953	June 13, 1953	3.99	490
1958	May 24, 1958	5.63	1,080
1959	June 13, 1959	5.39	1,020
1960	June 16, 1960	5.30	998
1961	June 4, 1961	4.99	840
1962	June 16, 1962	4.53	630
1963	June 5, 1963	4.29	562
1964	June 8, 1964	4.88	790
1965	June 12, 1965	4.82	765
1966	May 27, 1966	4.27	535
1967	June 6, 1967	5.14	910
1968	June 2, 1968	4.58	660
1969	May 30, 1969	5.19	940
1970	June 5, 1970	5.40	1,020
1971	May 28, 1971	4.98	840
1972	May 31, 1972	5.79	1,220
1973	May 17, 1973	4.33	560

## 12351000 Burnt Fork Bitterroot River near Stevensville, MT

Location.--Lat  $46^{\circ}27'50''$ , long  $113^{\circ}56'40''$ , in NW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.11, T.8 N., R.19 W., Ravalli County, 150 ft (46 m) upstream from county road bridge, and 8 mi (12.9 km) southeast of Stevensville.

Drainage area.--74.0 mi<sup>2</sup> (192 km<sup>2</sup>).

Records available.--May to November 1920, April 1922 to September 1924 (no winter records), April to June 1938, October 1938 to September 1962 (continuous record), October 1962 to September 1973 (discontinued).

Gage.--Staff gage. Crest-stage gage installed July 1959.

Altitude of gage is 4,270 ft (1,300 m), from topographic map.

## 12351000 Burnt Fork River near Stevensville, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1920	June 16, 1920	2.16	<sup>4</sup> 347
1922	June 10, 1922	2.64	<sup>4</sup> 620
1923	June 19, 1923	1.92	<sup>4</sup> 276
1924	May 18, 1924	1.90	<sup>4</sup> 268
1938	May 28, 1938	2.92	<sup>4</sup> 641
1939	May 4, 1939	1.74	<sup>4</sup> 192
1940	May 25, 1940	1.40	<sup>4</sup> 121
1941	June 4, 1941	1.36	<sup>4</sup> 119
1942	May 26, 1942	2.12	<sup>4</sup> 371
1943	June 19, 1943	2.04	<sup>4</sup> 382
1944	June 19, 1944	1.50	<sup>4</sup> 183
1945	June 4, 6, 1945	1.40	<sup>4</sup> 139
1946	May 28, 1946	1.43	<sup>4</sup> 142
1947	May 8, 9, 1947	2.20	<sup>4</sup> 414
1948	May 28, 29, 1948	2.54	<sup>4</sup> 565
1949	May 17, 1949	2.05	<sup>4</sup> 310
1950	June 21, 1950	2.22	<sup>4</sup> 379
1951	May 24, 1951	2.16	<sup>4</sup> 361
1952	May 26, 1952	1.86	<sup>4</sup> 233
1953	June 13, 1953	2.19	<sup>4</sup> 351
1954	June 28, 1954	2.09	<sup>4</sup> 300
1955	June 15, 1955	3.28	<sup>4</sup> 284
1956	May 24, 1956	3.72	<sup>4</sup> 414
1957	June 3, 4, 1957	3.46	<sup>4</sup> 320
1958	May 21, 22, 1958	3.48	<sup>4</sup> 371
1959	June 14, 1959	--	<sup>8</sup> 310
1960	June 5, 1960	3.24	317
1961	June 4, 1961	3.62	411
1962	June 14, 1962	3.28	303
1963	June 5, 1963	3.35	312
1964	June 8, 1964	4.73	720
1965	June 12, 1965	4.19	530
1966	May 27, 1966	3.15	240
1967	May 23, 1967	5.82	1,100
1968	June 2, 1968	3.48	320
1969	May 21, 1969	3.93	450
1970	June 5, 1970	3.90	440
1971	June 6, 1971	3.97	510
1972	June 1, 1972	4.62	730
1973	May 17, 1973	2.89	185



## 12351400 Eightmile Creek near Florence, MT

Location.--Lat  $46^{\circ}39'10''$ , long  $113^{\circ}57'30''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.2, T.10 N., R.19 W., Ravalli County, 0.6 mi (1.0 km) upstream from Granite Creek, 5 mi (8.0 km) upstream from mouth, and 6 mi (9.7 km) east of Florence.

Drainage area.--20.6 mi<sup>2</sup> (53.4 km<sup>2</sup>).

Records available.--September 1957 to September 1963 (continuous record), October 1963 to September 1973 (discontinued).

Gage.--Water-stage recorder prior to October 1963. Crest-stage gage installed October 1963. Altitude of gage is 3,800 ft (1,160 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1958	May 13, 1958	2.72	62
1959	June 6, 1959	2.06	33
1960	Apr. 10, 1960	2.03	30
1961	May 30, 1961	2.19	38
1962	May 25, 1962	2.27	36
1963	May 26, 1963	1.98	26
1964	June 8, 1964	3.60	104
1965	May 12, 1965	3.63	75
1966	Mar. 27, 1966	3.28	57
1967	June 6, 1967	2.89	57
1968	May 5, 1968	2.33	33
1969	May 20, 1969	2.70	50
1970	June 5, 1970	4.25	104
1971	May 5, 1971	3.75	65
1972	May 14, 1972	3.91	77
1973	June 14, 1973	2.08	8

## 12352200 Hayes Creek near Missoula, MT

Location.--Lat  $46^{\circ}48'49''$ , long  $114^{\circ}05'36''$ , in center of sec.10, T.12 N., R.20 W., Missoula County, at culvert on U.S. Highways 12 and 93, 2 mi (3.2 km) southwest of Missoula.

Drainage area.--4.16 mi<sup>2</sup> (10.8 km<sup>2</sup>).

Records available.--June 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

## 12352200 Hayes Creek near Missoula, MT (continued)

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	0.6	3
1960	Apr. 5, 1960	3.77	56
1961	May 27, 1961	.70	4
1962	Apr. 24, 1962	1.34	14
1963	Mar. 22, 1963	.58	3
1964	May 22, 1964	1.63	21
1965	May 12, 1965	2.45	29
1966	Mar. 30, 1966	.52	2
1967	--	--	Unknown
1968	May 5, 1968	-.12	5
1969	Apr. 24, 1969	.20	14
1970	May 5, 1970	.19	14
1971	May 5, 1971	.30	18
1972	May 14, 1972	.47	29
1973	May 17, 1973	-.35	2
1974	Jan. 16, 1974	.45	25

## 12353250 Ninemile Creek near Alberton, MT

Location.--Lat 47°11'09", long 114°35'13", in SE¼SE¼ sec.36, T.17 N., R.24 W., Missoula County, on left bank about 400 ft (122 m) above a large right bank diversion ditch, 0.3 mi (0.5 km) west of main road, corner of fence line and tree with T.17 N., R.23 W., sign on it, 0.5 mi (0.8 km) south of Little Blue Creek, 14.2 mi (22.8 km) northwest of Alberton.

Drainage area.--50.2 mi<sup>2</sup> (130 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 15, 1973. Altitude of gage is 3,570 ft (1,090 m), from topographic map.

## Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	4.36	1,280
1974	Jan. 16, 1974	3.07	780
1975	May 16, 1975	2.07	435
1976	May 11, 1976	2.21	480

## 12353400 Nigger Gulch near Alberton, MT

Location.--Lat 47°01'22", long 114°31'22", in NW¼ sec.33, T.15 N., R.23 W., Mineral County, at culvert on county road, 2.6 mi (4.2 km) west of Alberton.

Drainage area.--8.02 mi<sup>2</sup> (20.8 km<sup>2</sup>).

Records available.--June 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed June 19, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	0.7	23
1960	Apr. 6, 1960	.80	27
1961	May 2, 1961	.74	24
1962	May 29, 1962	.54	16
1963	May 6, 1963	.59	18
1964	June 9, 1964	1.01	67
1965	Apr. 28, 1965	2.05	170
1966	Mar. 30, 1966	.45	20
1967	May 11, 1967	.47	21
1968	May 5, 1968	.28	8
1969	Apr. 10, 1969	.62	32
1970	May 16, 1970	1.80	142
1971	May 5, 1971	.65	42
1972	Mar. 17, 1972	1.02	68
1973	May 17, 1973	.05	3

## 12353800 Thompson Creek near Superior, MT

Location.--Lat 47°11'55", long 114°55'00", in SW¼ sec.28, T.17 N., R.26 W., Mineral County, 1.2 mi (1.9 km) west of Superior.

Drainage area.--11.8 mi<sup>2</sup> (30.6 km<sup>2</sup>).

Records available.--May 1961 to current year.

Gage.--Crest-stage gage installed May 15, 1961. Altitude of gage is 2,710 ft (826 m), from topographic map.

## 12353800 Thompson Creek near Superior, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	May 26, 1961	0.53	155
1962	Apr. 24, 1962	.82	85
1963	Apr. 14, 1963	.15	20
1964	May 21, 1964	.53	79
1965	Apr. 14, 1965	3.0	190
1966	May 4, 1966	.09	54
1967	May 22, 1967	.57	80
1968	May 22, 1968	-.84	24
1969	May 1, 1969	-.04	56
1970	May 20, 1970	-.20	61
1971	May 13, 1971	1.07	109
1972	May 14, 1972	1.68	153
1973	May 17, 1973	-1.38	4
1974	Jan. 16, 1974	3.52	230
1975	May 14, 1975	.84	50
1976	May 11, 1976	1.15	100

## 12353850 East Fork Timber Creek near Haugan, MT

Location.--Lat 47°24'49", long 115°24'46", in NE¼ sec.16, T.19 N., R.30 W., Mineral County, at culvert on county road, 2 mi (3.2 km) north of Haugan.

Drainage area.--2.72 mi<sup>2</sup> (7.04 km<sup>2</sup>).

Records available.--May 1961 to September 1975 (discontinued).

Gage.--Crest-stage gage installed May 15, 1961. Altitude of gage is 3,350 ft (1,020 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961	May 2, 1961	0.38	23
1962	Apr. 15, 1962	.82	45
1963	Apr. 14, 1963	.33	20
1964	May 22, 1964	.87	40
1965	Apr. 14, 1965	1.46	66
1966	Apr. 6, 1966	.48	27
1967	May 22, 1967	.67	42
1968	May 5, 1968	.23	15
1969	Apr. 24, 1969	.82	44
1970	May 17, 1970	.77	42
1971	May 5, 1971	1.22	55
1972	May 14, 1972	1.03	52
1973	May 17, 1973	-.12	8
1974	Jan. 16, 1974	1.14	50
1975	May 15, 1975	.89	41

## 12354100 North Fork Little Joe Creek near St. Regis, MT

Location.--Lat 47°16'13", long 115°08'28", in SW¼SE¼ sec.34, T.18 N., R.28 W., Mineral County, at bridge on county road, 3 mi (4.8 km) southwest of St. Regis.

Drainage area.--14.7 mi<sup>2</sup> (38.1 km<sup>2</sup>).

Records available.--July 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed July 3, 1959. Altitude of gage is 2,850 ft (869 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	May 12, 1960	1.84	179
1961	May 26, 1961	1.88	185
1962	May 27, 1962	1.16	91
1963	May 28, 1963	.95	57
1964	June 8, 1964	1.91	212
1965	May 29, 1965	1.83	200
1966	May 5, 1966	1.60	147
1967	May 22, 1967	1.61	195
1968	May 22, 1968	.79	102
1969	Apr. 30, 1969	1.42	175
1970	May 25, 1970	1.64	205
1971	May 13, 1971	1.97	262
1972	May 14, 1972	2.31	295
1973	Apr. 26, 1973	1.87	220
1974	Jan. 16, 1974	1.59	210

12355350 Big Creek at Big Creek ranger station,  
near Columbia Falls, MT

Location.--Lat 48°36'07", long 114°09'55", in SW¼SW¼ sec.22, T.33 N., R.20 W., Flathead County, Flathead National Forest, on right bank, at Big Creek ranger station, 300 ft (91.4 m) upstream from North Fork road bridge, 0.4 mi (0.6 km) upstream from mouth, 16.0 mi (25.7 km) north of Columbia Falls.

Drainage area.--82.1 mi<sup>2</sup> (213 km<sup>2</sup>).

Records available.--June 1964, April 1973 to current year.

Gage.--Crest-stage gage installed Apr. 11, 1973. Altitude of gage is 3,330.58 ft (1,015.16 m), from U.S. Forest Service bench mark.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1964	June 1964	6.60	2,130
1973	June 1973	4.69	930
1974	June 21, 1974	5.76	1,600
1975	June 20, 1975	4.57	1,150
1976	May 11, 1976	5.00	1,450



## 12356000 Skyland Creek near Essex, MT

Location.--Lat 48°17'30", long 113°23'10", in SE¼NW¼ sec.9, T.29 N., R.14 W., Flathead County, 10 mi (16.1 km) north-east of Essex.

Drainage area.--8.09 mi<sup>2</sup> (21.0 km<sup>2</sup>).

Records available.--January 1946 to September 1952 (continuous record), 1954, June 1959 to September 1975 (discontinued).

Gage.--Water-stage recorder re-installed June 30, 1959, destroyed June 8, 1964. Crest-stage gage installed Sept. 10, 1964. Datum of gage is 4,835.83 ft (1,473.96 m) above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1946	May 28, 1946	1.72	117
1947	May 9, 1947	1.84	189
1948	May 22, 1948	2.15	284
1949	May 16, 1949	1.68	126
1950	June 12, 1950	2.46	268
1951	June 15, 1951	2.05	179
1952	May 15, 1952	1.87	148
1954	May 19, 1954	2.3	230
1959	June 5, 1959	2.1	189
1960	June 3, 1960	2.00	169
1961	May 30, 1961	2.48	267
1962	May 29, 1962	1.58	93
1963	June 5, 1963	1.52	82
1964	June 8, 1964	9.55	3,580
1965	May 29, 1965	4.76	<sup>1</sup> 120
1966	May 26, 1966	4.30	140
1967	June 1967	(6)	<sup>1</sup> 100
1968	May 23, 1968	3.62	90
1969	Apr. 24, 1969	3.60	140
1970	June 5, 1970	3.73	198
1971	June 13, 1971	3.38	176
1972	June 17, 1972	3.48	191
1973	May 18, 1973	2.89	106
1974	June 4, 1974	3.00	166
1975	June 19, 1975	8.40	3,820

## 12356500 Bear Creek near Essex, MT

Location.--Lat 48°16'56", long 113°25'23", in SE¼NW¼NE¼ sec.16, T.29 N., R.14 W., Flathead County, on left bank 1.1 mi (1.77 km) upstream from U.S. Highway 2 bridge crossing Bear Creek, 8.5 mi (13.7 km) northeast of Essex.

Drainage area.--20.4 mi<sup>2</sup> (52.8 km<sup>2</sup>).

Records available.--January 1946 to September 1952 (continuous record), 1964, September 1975 to current year.

Gage.--Crest-stage gage installed Sept. 11, 1975. January 1946 to September 30, 1952, nonrecording gage or water-stage recorder at site 0.5 mi (0.8 km) upstream. Altitude of gage is 4,485 ft (1,367 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1946	May 28, 1946	1.94	253
1947	May 2, 1947	2.87	623
1948	May 22, 1948	3.01	696
1949	May 12, 1949	2.05	280
1950	June 12, 1950	2.86	620
1951	May 11, 1951	2.19	352
1952	Apr. 27, 1952	2.15	340
1964	June 8, 1964	7.2	8,380
1975	June 19, 1975	--	1,840
1976	May 10, 1976	5.10	520

## 12357300 Moccasin Creek near West Glacier, MT

Location.--Lat 48°28'54", long 113°50'51", in SW¼ sec.36, T.32 N., R.18 W., Flathead County, at culvert on U.S. Highway 2, 6.5 mi (10.5 km) east of West Glacier.

Drainage area.--2.38 mi<sup>2</sup> (6.16 km<sup>2</sup>).

Records available.--June 1959 to September 1974 (discontinued)

Gage.--Crest-stage gage installed June 30, 1959. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	1.3	102
1960	June 3, 1960	1.29	120
1961	May 27, 1961	1.43	105
1962	Apr. 24, 1962	1.17	50
1963	May 25, 1963	1.15	48
1964	June 8, 1964	--	Not determined
1965	May 29, 1965	5.60	1,490
1966	May 26, 1966	4.11	262
1967	June 6, 1967	3.96	226
1968	May 23, 1968	3.49	115
1969	Apr. 24, 1969	3.21	62
1970	May 25, 1970	3.24	64
1971	June 13, 1971	3.25	69
1972	June 1, 1972	3.53	128
1973	Apr. 23, 1973	3.84	170
1974	June 4, 1974	3.56	114

## 12357400 Middle Fork Flathead River tributary at West Glacier, MT

Location.--Lat  $48^{\circ}29'49''$ , long  $113^{\circ}57'43''$ , in NE $\frac{1}{4}$  sec.36, T.32 N., R.19 W., Flathead County, at culvert on U.S. Highway 2, 0.9 mi (1.4 km) east of West Glacier.

Drainage area.--0.14 mi<sup>2</sup> (0.36 km<sup>2</sup>).

Records available.--June 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed June 30, 1959. Altitude of gage is 3,250 ft (991 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	Apr. 3, 1960	0.27	3
1961	May 2, 1961	.19	2
1962	Apr. 23, 1962	.11	1
1963	--	(6)	<sup>1</sup> .5
1964	June 8, 1964	.32	<sup>1</sup> 8
1965	Apr. 21, 1965	.49	9
1966	June 4, 1966	.40	6
1967	June 6, 1967	.27	3
1968	May 24, 1968	.09	1
1969	Apr. 24, 1969	.52	<sup>1</sup> 10
1970	June 1, 1970	.16	2
1971	May 3, 1971	.23	3
1972	June 1, 1972	-.20	.5
1973	May 18, 1973	.02	1
1974	Apr. 20, 1974	.28	3

## 12363800 Spring Creek near Stryker, MT

Location.--Lat  $48^{\circ}37'42''$ , long  $114^{\circ}40'53''$ , in N $\frac{1}{4}$  sec.15, T.33 N., R.24 W., Flathead County, at culvert on U.S. Highway 93, 5 mi (8.0 km) southeast of Stryker.

Drainage area.--3.86 mi<sup>2</sup> (10.0 km<sup>2</sup>).

Records available.--July 1959 to May 1961 (discontinued).

Gage.--Crest-stage gage installed July 1, 1959. Altitude of gage is 3,260 ft (994 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	0.7	12
1960	June 3, 1960	-.08	8
1961	May 15, 1961	.62	10

## 12363900 Rock Creek near Olney, MT

Location.--Lat 48°36'44", long 114°39'04", in NE¼ sec.23, T.33 N., R.24 W., Flathead County, at culvert on U.S. Highway 93, 6 mi (9.7 km) northwest of Olney.

Drainage area.--3.61 mi<sup>2</sup> (9.35 km<sup>2</sup>).

Records available.--May 1961 to September 1975 (discontinued)

Gage.--Crest-stage gage installed May 16, 1961. Altitude of gage is 3,240 ft (988 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1961 <sup>5</sup> May	15, 1961	1.2	24
1962 May	21, 1962	.82	13
1963 May	14, 1963	.56	6
1964 May	2, 1964	1.29	25
1965 Apr.	28, 1965	1.40	29
1966 June	4, 1966	.96	14
1967 May	24, 1967	.74	13
1968 May	24, 1968	.55	9
1969 Apr.	24, 1969	1.15	20
1970 May	17, 1970	.80	11
1971 May	3, 1971	1.03	17
1972 June	1, 1972	.80	11
1973 May	17, 1973	.51	5
1974 June	20, 1974	1.40	40
1975 May	10, 1975	.92	24

## 12369250 Holland Creek near Condon, MT

Location.--Lat 47°26'20", long 113°40'11", in NE¼NW¼ sec.5, T.19 N., R.16 W., Missoula County, on bridge on State Highway 209, at junction with road to Holland Lake, 6.8 mi (10.9 km) south of Condon.

Drainage area.--22.3 mi<sup>2</sup> (57.8 km<sup>2</sup>).

Records available.--October 1974 to current year.

Gage.--Crest-stage gage installed Oct. 29, 1974. Altitude of gage is 3,950 ft (1,204 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	2.73	385
1975 June	13, 1975	2.30	280
1976 May	11, 1976	2.02	230

## 12370500 Dayton Creek near Proctor, MT

Location.--Lat 47°54'59", long 114°20'14", in NW¼ sec.20,  
T.25 N., R.21 W., Lake County, at culvert on county road,  
2.5 mi (4.0 km) northwest of Proctor.

Drainage area.--18.5 mi<sup>2</sup> (47.9 km<sup>2</sup>).

Records available.--June 1959 to current year.

Gage.--Crest-stage gage installed June 18, 1959. Altitude of  
gage is 3,350 ft (1,020 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(ii)	1.3	37
1960	May 12, 1960	1.74	51
1961	May 27, 1961	3.00	93
1962	Apr. 24, 1962	1.54	45
1963	Apr. 13, 1963	.28	7
1964	June 8, 1964	1.06	29
1965	Apr. 15, 1965	5.09	131
1966	Mar. 29, 1966	1.03	28
1967	May 22, 1967	2.16	60
1968	May 14, 1968	.88	22
1969	Apr. 24, 1969	2.07	48
1970	May 21, 1970	2.21	49
1971	May 13, 1971	1.53	40
1972	May 14, 1972	2.53	70
1973	Apr. 5, 1973	.75	20
1974	Jan. 16, 1974	3.17	98
1975	May 20, 1975	1.26	36
1976	Apr. 6, 1976	1.24	35

## 12370900 Teepee Creek near Polson, MT

Location.--Lat 47°49'16", long 114°01'24", in SW¼ sec.23,  
T.24 N., R.19 W., Lake County, at culvert on State Highway  
35, 11 mi (17.7 km) northeast of Polson.

Drainage area.--2.18 mi<sup>2</sup> (5.65 km<sup>2</sup>).

Records available.--June 1959 to September 1974 (discontinued).

Gage.--Crest-stage gage installed June 29, 1959. Altitude of  
gage is 2,910 ft (887 m), from topographic map.



## 12370900 Teepee Creek near Polson, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1960	June 3, 1960	0.48	11
1961	June 2, 1961	.90	22
1962	Apr. 24, 1962	.05	4
1963	--	( 6)	<sup>1</sup> 1
1964	June 8, 1964	2.15	44
1965	June 12, 1965	.32	8
1966	May 26, 1966	.18	6
1967	June 6, 1967	.30	8
1968	May 22, 1968	.17	6
1969	Apr. 24, 1969	.35	9
1970	May 20, 1970	1.69	39
1971	June 13, 1971	.09	5
1972	June 1, 1972	.41	10
1973	May 17, 1973	.10	5
1974	June 21, 1974	.59	14

## 12371100 Hell Roaring Creek near Polson, MT

Location.--Lat 47°42'10", long 114°02'37", in NW¼ sec.4, T.22 N., R.19 W., Lake County, at power house, 5.5 mi (8.8 km) east of Polson.

Drainage area.--6.22 mi<sup>2</sup> (16.1 km<sup>2</sup>).

Records available.--May 1917 to September 1932 (continuous record), June 1959 to September 1967 (discontinued).

Prior to 1959, published as Big Creek near Polson.

Gage.--Crest-stage gage installed June 29, 1959. May 1917 to September 1932, water-stage recorder. Altitude of gage is 3,150 ft (960 m), by barometer.

## 12371100 Hell Roaring Creek near Polson, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1917	June 9, 1917	--	<sup>4</sup> 104
1918	June 11-14, 1918	--	38
1919	May 27, 1919	--	69
1920	May 14, 1920	--	29.4
1921	June 7, 1921	--	23.3
1922	May 20, 1922	--	49
1923	June 22, 1923	--	29.7
1924	May 17, 1924	--	27.2
1925	May 22, 1925	--	61
1926	May 1, 1926	--	34
1927	June 11, 1927	--	61
1928	May 23, 1928	--	39.5
1929	May 25, 1929	--	33.3
1930	May 25, 1930	--	14.1
1931	Dec. 1, 1930	--	<sup>8</sup> 8.3
1932	Mar. 19, 1932	--	<sup>8</sup> 9.0
1948	May 1948	--	85
1959	<sup>5</sup> May 1959	<sup>1</sup> 1.3	60
1960	June 3, 1960	.81	27
1961	June 2, 1961	.93	34
1962	Apr. 24, 1962	.49	12
1963	Apr. 15, 1963	.28	5
1964	June 8, 1964	1.73	98
1965	June 12, 1965	--	<sup>1</sup> 20
1966	March 1966	-1.54	6
1967	June 1967	-1.34	9

## 12374300 Mill Creek near Niarada, MT

Location.--Lat 47°49'53", long 114°41'14", in NW¼ sec.21, T.24 N., R.24 W., Sanders County, at bridge on county road, 3.5 mi (5.6 km) northwest of Niarada.

Drainage area.--28.2 mi<sup>2</sup> (73.0 km<sup>2</sup>).

Records available.--June 1959 to September 1973 (discontinued).

Gage.--Crest-stage gage installed June 18, 1959. Altitude of gage is 3,000 ft (914 m), from topographic map.

## 12374300 Mill Creek near Niarada, MT (continued)

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	1.1	90
1960	May 13, 1960	1.00	74
1961	May 1, 1961	1.42	140
1962	Apr. 24, 1962	.97	70
1963	May 17, 1963	.78	45
1964	May 27, 1964	.91	52
1965	Apr. 15, 1965	1.43	175
1966	May 12, 1966	2.22	<sup>1</sup> 250
1967	May 25, 1967	1.40	138
1968	May 22, 1968	.69	30
1969	May 30, 1969	1.14	125
1970	May 25, 1970	.97	76
1971	May 13, 1971	1.15	175
1972	May 14, 1972	1.48	184
1973	May 24, 1973	.46	17

## 12375700 Garden Creek near Hot Springs, MT

Location--Lat 47°38'55", long 114°41'31", in SW¼ sec.20, T.22 N., R.24 W., Sanders County, at bridge on county road, 3 mi (4.8 km) north of Hot Springs.

Drainage area--3.57 mi<sup>2</sup> (9.25 km<sup>2</sup>).

Records available--June 1959 to September 1973 (discontinued).

Gage--Crest-stage gage installed June 18, 1959. Altitude of gage is 3,300 ft (1,010 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1959	(11)	--	<sup>1</sup> 10
1960	April 1960	--	<sup>1</sup> 5
1961	May 27, 1961	0.86	29
1962	May 23, 1962	.48	14
1963	May 17, 1963	.73	24
1964	May 27, 1964	1.02	<sup>1</sup> 45
1965	Apr. 29, 1965	--	<sup>1</sup> 100
1966	Mar. 29, 1966	-.22	16
1967	May 23, 1967	.16	40
1968	May 1968	-.30	12
1969	May 30, 1969	.31	50
1970	June 16, 1970	.52	65
1971	June 3, 1971	.07	34
1972	June 1, 1972	.57	29
1973	Apr. 27, 1973	.46	17

## 12389150 McGregor Creek tributary near Marion, MT

Location--Lat 48°01'44", long 114°55'54", in NW¼NE¼ sec.10, T.26 N., R.26 W., Flathead County, on right bank 250 ft (76 m) upstream from Forest Service road, 0.4 mi (0.6 km) upstream from mouth, 13.4 mi (21.7 km) southwest of Marion.

Drainage area--2.55 mi<sup>2</sup> (6.60 km<sup>2</sup>).

Records available--1972, August 1973 to current year.

Gage--Crest-stage gage installed Aug. 10, 1973. Altitude of gage is 3,850 ft (1,170 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	2.60	80
1973	--	.92	13
1974	June 12, 1974	1.07	17
1975	June 24, 1975	.83	11
1976	May 11, 1976	( <sup>6</sup> )	112

## 12391100 White Pine Creek near Trout Creek, MT

Location--Lat 47°44'19", long 115°40'27", in SW¼SW¼NW¼ sec.23, T.23 N., R.32 W., Sanders County, Kaniksu National Forest, on right downstream wingwall of bridge, 7.5 mi (12.1 km) southwest of Trout Creek.

Drainage area--8.75 mi<sup>2</sup> (22.7 km<sup>2</sup>).

Records available--November 1974 to current year.

Gage--Crest-stage gage installed Nov. 13, 1974. Altitude of gage is 3,360 ft (1,020 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1974	--	4.70	295
1975	June 14, 1975	4.25	215
1976	Dec. 4, 1975	4.80	310

## 12391200 Canyon Creek near Trout Creek, MT

Location--Lat 47°51'16", long 115°29'57", in SW¼NW¼ sec.7, T.24 N., R.30 W., Sanders County, at bridge on U.S. Forest Service road, 2.9 mi (4.7 km) upstream from junction of road at mouth of Vermilion River, 4.6 mi (7.4 km) northeast of Trout Creek.

Drainage area--8.64 mi<sup>2</sup> (22.4 km<sup>2</sup>).

Records available--1972, August 1973 to current year.

Gage--Crest-stage gage installed Aug. 15, 1973. Altitude of gage is 2,520 ft (768 m), from topographic map.

Annual maximum data--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	2.64	230
1974	May 9, 1974	2.70	250
1975	June 2, 1975	2.30	215
1976	May 11, 1976	2.53	200

## 12391430 Skelton Creek near Noxon, MT

Location.--Lat  $47^{\circ}57'47''$ , long  $115^{\circ}53'18''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.32, T.26 N., R.33 W., Sanders County, at culvert on U.S. Forest Service road, 0.4 mi (0.6 km) upstream from West Fork Pilgrim Creek, 5.7 mi (9.2 km) southwest of Noxon.

Drainage area.--2.10 mi<sup>2</sup> (5.44 km<sup>2</sup>).

Records available.--August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 3,050 ft (930 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1973	--	.93	14
1974	Jan. 17, 1974	1.94	46
1975	May 14, 1975	1.60	34
1976	May 11, 1976	1.75	39

## 12391525 Snake Creek near Noxon, MT

Location.--Lat  $48^{\circ}07'24''$ , long  $115^{\circ}45'10''$ , in SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec.5, T.27 N., R.32 W., Sanders County, at culvert on U.S. Forest Service road, 9.0 mi (14.5 km) north of Noxon.

Drainage area.--3.11 mi<sup>2</sup> (8.05 km<sup>2</sup>).

Records available.--1972, August 1973 to current year.

Gage.--Crest-stage gage installed Aug. 9, 1973. Altitude of gage is 2,510 ft (765 m), from topographic map.

Annual maximum data.--

<u>Water year</u>	<u>Date</u>	<u>Gage height (ft)</u>	<u>Discharge (ft<sup>3</sup>/s)</u>
1972	--	3.87	126
1973	--	1.09	13
1974	Jan. 17, 1974	3.63	114
1975	May 14, 1975	2.27	53
1976	Dec. 4, 1975	2.41	52



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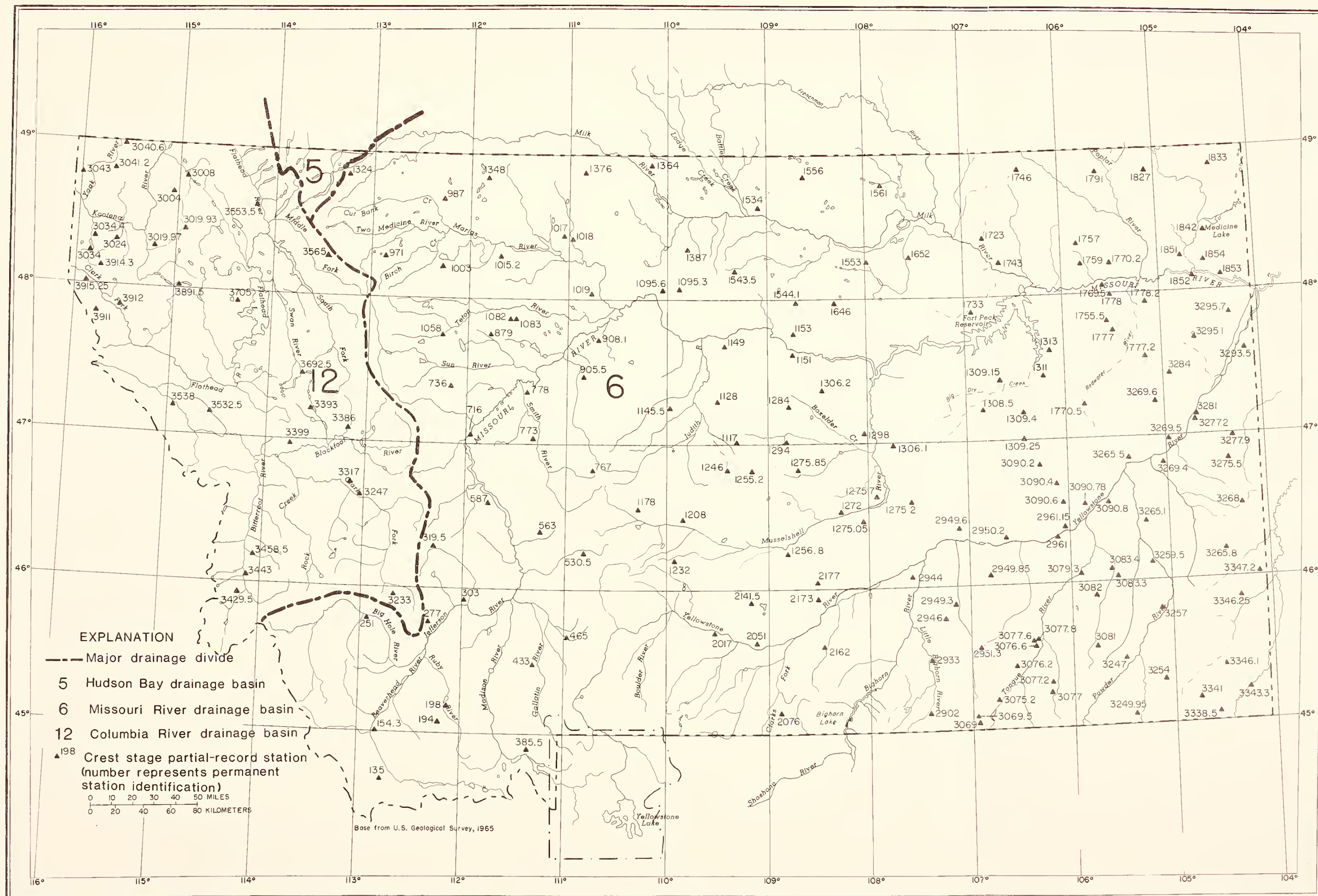


FIGURE 1.-LOCATION OF CURRENT CREST-STAGE GAGE STATIONS.





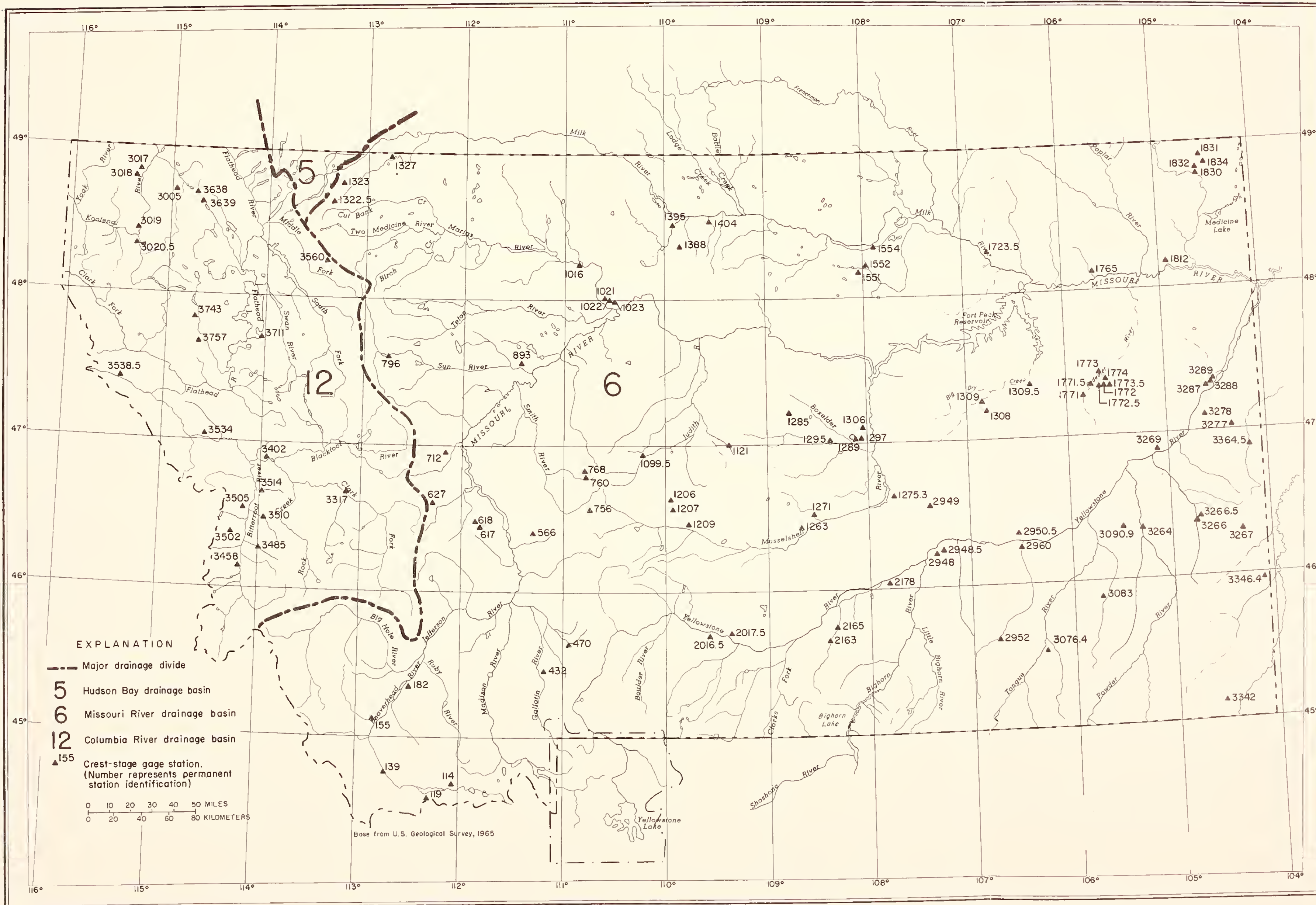


FIGURE 2.-LOCATION OF DISCONTINUED CREST-STAGE GAGE STATIONS.





